

Bulletin
Pennsylvania Department of Agriculture
Harrisburg, Pa.

Vol. 18

APRIL 1, 1935

No. 3

GENERAL BULLETIN 529

FEEDING STUFFS REPORT 1934



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Published bi-monthly by direction of the Secretary. Entered as second class matter, March 22, 1918, at the Post Office at Harrisburg, Pa., under the Act of June 6, 1900.

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FEEDING STUFFS REPORT

1934

INTRODUCTION

The Feeding Stuffs Law, Act of May 3, 1909, as amended, regulates the manufacture and sale of Commercial Feeding Stuffs, prohibits misbranding and adulteration and requires registration of each brand or kind for each calendar year and before being offered for sale. All sacks or attached cards are required to be printed with brand or trade names, names of manufacturers or importers, guarantees for protein, fat and fiber and the names of each ingredient of which mixtures are composed and in the case of by-product feeds statements of composition. Feeding Stuffs are defined as including all by-product materials, mixed feeds and mineral mixtures intended for feeding domestic animals and poultry, and including small animals, such as dogs, cats, foxes and rabbits. Provision is made for enforcement by authorizing inspection of sales, the collection and analyses of official samples, and the publication of results of analyses for the information of the public.

Provision is also made for analyses of special samples for a fee of \$1.00 each for residents of Pennsylvania.

There were 900 official samples of Feeding Stuffs obtained and submitted during 1934 by the Food Inspectors together with reports of methods of labeling and records of sales. Of this number 875, representing brands registered for the calendar year, were analyzed for their nutritive value and examined microscopically to discover their composition for the purpose of determining the correctness of guarantees, and whether or not they were misbranded or adulterated. They were registered by 229 manufacturing, importing, and jobbing firms, and represented 21 classes and 659 different kinds and brands of Feeding Stuffs, which together with the number of samples in each class, were as follows:

Classes	Samples
Oil Cake By-Products	51
Distillery and Brewery By-Products	9
Maize By-Products	34
Wheat Offal	131
Buckwheat Offal	1
Rye Offal	1
Oat By-Product	4
Alfalfa Meal	6
Dried Beet Pulp	7
Proprietary Dairy Feed	160
Proprietary Stock, Horse and Mule Feed	41
Proprietary Calf Meal	4
Proprietary Swine Feed	18
Proprietary Chop Feed	54
Proprietary Poultry Scratch Feed	50
Proprietary Poultry Mash Feed	177
Proprietary Small Animal Feed	82
Milk By-Products	21
Miscellaneous Feed	4
Animal By-Products	19
Marine By-Products	1
Total	875

In addition to the official samples, 529 special samples of Feeding Stuffs with fees of \$1.00 for each sample, were submitted by residents of the Commonwealth. These samples were analyzed as provided by the Law and the results obtained were reported to the senders, the fees being paid as required to the Comptroller. As these special samples were examined for the purpose of private and confidential information, the results of analyses are not included in this report. The official and special Feeding Stuffs examined during the year totaled 1,404 samples.

BRANDS REGISTERED

Each brand and kind of Feeding Stuffs is required to be registered before January 1 of each calendar year or before being placed on sale. The annual registration or license fees are \$5.00 for every new brand of Feeding Stuffs, and the fees for the reregistration of all brands sold during the last preceding calendar year are based on the number of tons sold during the preceding year, as follows: For 150 tons and less, \$5.00; more than 150 tons and not more than 300 tons, \$10.00; more than 300 tons and not more than 500 tons, \$15.00; and more than 500 tons, \$25.00. If no tonnage reports are submitted the fee is \$25.00 for each brand. The fee, regardless of the tonnage amounts sold, is \$5.00 for each kind and brand of the following feeding stuffs: Pure wheat bran, pure wheat middlings, pure wheat mixed feed, pure rye bran, pure rye middlings, pure rye mixed feed, pure buckwheat bran, pure buckwheat middlings, pure buckwheat feed, pure corn meal made by grinding and bolting corn, and pure corn and oats chop. There were 4,422 kinds and brands of Feeding Stuffs registered for 1934 sales and 1,300 licenses were issued to 952 manufacturing, importing and jobbing firms.

CONCLUSIONS

The 875 official samples, representing 838 guaranteed shipments, were analyzed for protein, fat and fiber. Of this number 59, or 7.0 percent, were deficient in protein or fat or both and contained fiber in excess of the tolerances provided for by the law. Of those which failed to meet their guarantees only 5, or 0.8 percent, were deficient in protein; 43, or 5.0 percent, were deficient in fat; and 14, or 1.7 percent, exceeded the guarantees for fiber.

Of the total number of samples and brands of Feeding Stuffs represented, more than one-half, or 532 samples and 425 brands, were Proprietary Mixed Feeds. The proportion of deficiencies in these mixed feed was low, and the guarantees being as a rule, well sustained. Only 4 of the mixtures were deficient in protein and 31 in fat, 11 running in excess of fiber guarantees.

All of the samples were examined microscopically for correctness of composition and claimed ingredients, and with only a few exceptions the By-Products Feeds were found to have been correctly guaranteed. Of the Proprietary Mixed Feeds, 87 failed to be in agreement with claimed compositions and not "As Certified." Of these Proprietary Mixed Feeds, 38 Dairy Feeds, 7 Horse and Mule Feeds, 1 Calf Meal, 5 Swine Feeds, 6 Poultry Scratch, 23 Poultry Mash, and 7 Small Animal Feeds were not found to be "As Certified," compared with their claimed list of ingredients.

As will be noted by referring to the tabulated results of analyses and microscopical examinations of the Mixed Feeds, the failure to meet the claimed guarantees was low in number and many of the variations were minor in character and did not materially effect the total feeding value of the mixtures. The variations from correct guarantees and statements of composition in the case of the By-Products Feeds were also low. Therefore, it can be reported that the character of the Feeding Stuffs sold during 1934, judging from the samples examined and as represented by the shipments involved was good and, as a rule, correctly guaranteed and labeled.

The average retail selling values for the several classes of Proprietary Mixed Feeds representing 1934 shipments, show increases, with the exception of the Calf Meals, in average selling values over those prevailing in 1933. The respective 1934 and 1933 average retail selling values for the several classes of Proprietary Mixed Feeds were as follows: Dairy Feed, \$35.60-\$29.21; Stock, Horse and Mule Feed, \$36.04-\$32.84; Calf Meal, \$74.00-\$75.50; Swine Feed, \$39.44-\$32.79; Poultry Scratch Feed, \$38.12-\$33.80; Poultry Mash Feed, \$43.93-\$38.25.

Table I which follows gives a classification of the Feeding Stuffs examined; the number of samples and brands analyzed and guaranteed; the average analyses for protein, fat and fiber; and the average retail selling values for each class; the number of samples deficient in protein and fat and those containing excess fiber, compared with their guarantees.

TABLE I--CLASSIFICATION SHOWING AVERAGE ANALYSES AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAM- PLES	BRANDS	GUARAN- TEED	PROTEIN P. Ct.	FAT P. Ct.	FIBER P. Ct.	PRICE PER TON	NO. DEFICIENT		EXCESSIVE FIBER
								PROTEIN	FAT	
Cottonseed Meal	25	10	25	41.65	6.62	9.48	38.50	1	---	---
Linseed Oil Meal	16	8	16	38.49	6.23	7.01	45.87	---	---	---
Soybean Oil Meal	10	4	10	43.53	5.53	5.64	41.45	---	---	---
Distillers Dried Grains	3	3	3	24.94	6.96	11.13	31.00	1	3	---
Brewers Dried Grains	6	5	6	26.73	6.12	14.76	35.33	---	1	---
Corn Gluten Meal	1	1	1	47.69	0.79	1.96	38.00	---	---	---
Corn Gluten Feed	16	5	16	28.18	2.34	6.95	29.76	---	---	---
Corn Gluten Feed-Sweetened	1	1	1	22.25	2.04	5.65	39.00	---	---	---
Hominy Feed	10	6	10	11.41	6.86	4.19	29.90	---	---	---
Corn Meal	2	2	2	10.04	3.41	1.80	32.50	---	---	---
Corn Feed Meal	4	4	4	11.02	5.16	3.07	35.33	---	---	---
Wheat Bran	54	35	53	17.85	4.82	9.21	29.61	---	2	1
Mixed Feed--Wheat By-Products	12	8	11	18.31	4.90	7.09	30.38	---	---	---
Wheat Standard Middlings	15	10	15	18.91	5.11	7.18	30.30	---	---	---
Wheat Flour Middlings	28	21	28	18.39	4.40	4.11	33.66	---	2	---
White Shorts	11	11	11	17.00	3.96	3.63	30.98	---	1	---
Low Grade Flour	11	7	11	19.38	4.04	2.32	32.85	---	1	1
Buckwheat Feed	1	1	1	17.31	4.32	26.60	22.00	---	---	---
Rye Middlings	1	1	1	17.56	3.58	6.07	25.00	---	---	---
Palm Oil Middlings	1	1	1	16.50	9.04	6.04	24.00	---	---	---
Oat Meal	3	2	3	17.02	6.47	2.10	57.33	---	2	---
Oat Feed	1	1	1	6.88	1.93	26.08	25.00	---	---	1
Alfalfa Meal	6	6	6	19.82	2.68	21.28	39.17	---	---	---
Dried Beet Pulp	7	2	7	10.41	0.60	18.13	30.40	---	---	---
Proprietary Dairy Feed	160	125	160	23.54	4.56	8.87	35.60	---	10	1
Proprietary Stock, Horse and Mule Feed	41	35	40	13.39	4.03	7.84	36.04	---	1	1
Proprietary Calf Meal	4	4	4	26.32	3.97	3.61	74.00	---	1	---
Proprietary Swine Feed	18	15	18	19.41	5.12	5.61	39.44	---	2	---
Corn and Oats Chop	35	30	31	11.78	4.17	5.67	35.00	---	2	1
Chop Feed	19	11	17	10.50	3.85	10.21	29.45	1	2	3
Proprietary Scratch Feed	50	42	50	11.65	3.14	2.41	38.12	---	3	---
Proprietary Mash Feed	177	147	174	19.93	5.27	5.48	45.93	1	1	2
Proprietary Small Animal Feed	82	57	58	14.38	3.95	1.38	---	2	9	3
Semi-Solid Buttermilk	5	4	5	10.90	2.15	26.97*	53.00	---	---	---
Dried Buttermilk	5	3	5	37.12	6.22	---	114.50	---	---	---
Semi-Solid Skimmilk	2	2	2	10.53	0.35	27.39*	50.00	---	---	---
Dried Skimmilk	9	9	9	34.44	1.19	---	115.88	---	---	---
Miscellaneous Feed	3	3	3	---	---	---	---	---	---	---
Meat and Bone Scrap	15	12	15	49.62	11.16	1.41	43.39	1	---	---
Bone Meal	2	2	2	15.07	7.06	1.48	42.50	---	---	---
Blood Meal	1	1	1	87.06	0.67	0.99	80.00	---	---	---
Tankage	1	1	1	54.38	13.56	1.37	35.00	---	---	---
Fish Meal	1	1	1	60.69	7.27	0.60	57.00	---	---	---
TOTAL	975	659	838	---	---	---	---	7	43	14

*Total Solids

KEY TO TABLE II SHOWING ANALYSES OF OFFICIAL SAMPLES

Table II which follows shows in detail the results of analyses under each classification of the official samples analyzed, together with their guarantees and a statement showing as to whether or not they were found to be "As Certified" upon microscopic examination.

Each sample received was analyzed for protein, fat and fiber and examined microscopically in order to determine the correctness of guarantees and lists of ingredients and for the purpose of detecting the presence of inferior or prohibited materials. In order to economize, a change has been made in the method of preparing Table II so that instead of detailed analyses of each separate sample examined the results of single samples of the same brand and kind are included with averages of two or more. Averages of brands and classes are not shown, but will be found in Table I. The results are tabulated according to the classification shown in Table I, and brand names and names and addresses of manufacturers and importers are shown in alphabetical order under each classification. The names of selling agents or retailers are omitted, together with the column showing lists of ingredients and compositions found upon sacks or attached cards.

Each sample was given a Chemist's number, which will be found in parentheses after the brand or trade names. Statements as to the composition found by microscopical examination are included, showing in the case of those feeds where the compositions were found to be correct that they were "As Certified." Where variations occurred compared with claims made statements as to the findings appear.

The several classes of Feeding Stuffs as shown in Table I are classified under the following general headings and sub-headings:

OIL CAKE BY-PRODUCT including Cottonseed Meal, Linseed Oil Meal, and Soybean Oil Meal.

DISTILLERY AND BREWERY BY-PRODUCT including Distillers' Dried Grains, and Brewers' Dried Grains.

MAIZE BY-PRODUCT including Corn Gluten Meal, Cotton Gluten Feed, Hominy Feed, and Corn Feed Meal.

WHEAT OFFALS (with or without Ground Grain Screenings) including Wheat Brand, Mixed Feed:—Wheat By-Products, Standard Middlings, Flour Middlings, White Shorts, and Low Grade Flour.

RYE OFFAL including Rye Middlings.

OAT BY-PRODUCT including Oat Meal and Oat Feed.

ALFALFA MEAL.

DRIED BEEF PULP.

PROPRIETARY MIXED FEEDS including Dairy Feed, Stock, Horse and Mule Feed, Calf Meal, Swine Feed, Chop Feed, Poultry Scratch Feed and Mash Feed and Small Animal Feed, Corn and Oats Chop.

MILK BY-PRODUCT including Semisolid Buttermilk, Dried Buttermilk, Semisolid Skimmilk and Dried Skimmilk.

MISCELLANEOUS FEED including "Super Soy," Champion Live Stock Feed, and Distillers' Grain and Molasses.

ANIMAL BY-PRODUCT including Meat and Bone Scrap, Bone Meal, Blood Meal, and Tankage.

MARINE BY-PRODUCT including Fish Meal.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>OIL CAKE PRODUCT</u>							
<u>Cottonseed Meal</u>							
E. T. ALLEN CO., Atlanta, Georgie Empire 41% (4146)	40.25	41.00	6.86	5.50	10.43	13.00	As Certified
ASHCRAFT-WILKINSON CO., Atlanta, Ga. Helmet Brand Prime (4039; 4045; 4124)	41.36	41.00	6.36	5.50	9.86	10.00	As Certified
THE BUCKEYE COTTON OIL CO., Cincinnati, Ohio Buckeye 41.13% Protein Prime (3895)	43.00	41.13	6.33	5.00	9.10	13.00	As Certified
CAIRO MEAL & CAKE CO., Cairo, Ill. Miss Cairo Brand 41% Protein (3518; 3784; 4035)	41.63	41.00	6.92	6.00	9.46	10.00	As Certified
HUMPHREYS-ODDWIN CO., Memphis, Tenn. Dixie Brand Prime 41% (3554; 3425; 3464; 3999; 4047; 4243)	41.19	41.00	6.78	5.00	9.31	12.00	As Certified
THE LARROWE MILLING CO., Detroit, Mich. 41% Protein (3365; 3788; 4074)	42.96	41.00	6.77	6.00	8.22	10.00	As Certified
L. B. LOVITT & CO., Memphis, Tenn. Lovit Brand 41% (3356; 3421; 3561; 4239)	41.50	41.00	6.41	6.00	9.57	10.00	As Certified
MARIANNA SALES CO., Memphis, Tenn. White Mule Brand (4040)	41.56	41.00	7.31	6.00	9.48	10.00	As Certified
PERKINS OIL CO., Memphis, Tenn. Golden Rod (3431; 3728)	41.54	41.00	5.94	6.00	10.13	10.00	As Certified
MAURICE PINCOFFS CO., Houston, Texas 41% Protein (4068)	42.44	41.00	6.54	5.00	10.98	14.00	As Certified
Average	41.65	-----	6.62	-----	9.48	-----	
<u>Linseed Oil Meal</u>							
ARCHER-DANIELS MIDLAND CO., Minneapolis, Minn. 37% Protein O. P. Linseed Meal (3424)	38.88	37.00	5.39	4.50	7.42	9.00	As Certified
BISBEE LINSEED CO., Chicago Heights, Ill. Bisbee Brand 34% Protein Pure Old Process Linseed Meal (3804; 3897; 3996; 4069)	37.27	34.00	6.28	5.00	7.48	10.00	As Certified
HIRST & BEGLEY LINSEED WORKS, Chicago, Ill. Pure Old Process Linseed Meal (3392; 3915)	40.88	37.00	6.33	5.00	6.99	9.00	As Certified
KELLOGGS & MILLER, INC., Amsterdam, N.Y. Pure Old Process Linseed Oil Meal (3714)	38.56	34.00	6.41	5.00	6.91	9.00	As Certified
SPENCER KELLOGG & SONS, INC., Edgewater, N. J. Kellogg's 32% Protein Pure O.P. Linseed Meal (4148)	34.94	32.00	5.47	4.50	6.51	9.00	As Certified
THE MANN BROTHERS CO., Buffalo, N. Y. 34% Protein Pure Old Process Linseed Meal (4126)	36.69	34.00	5.43	6.00	7.11	10.00	As Certified
37% Linseed Meal (3934)	40.69	37.00	6.82	6.00	6.37	10.00	As Certified
SHERWIN-WILLIAMS CO., Cleveland, Ohio Pure Old Process Linseed Meal (3363; 3467; 3597; 3694; 3729)	39.06	34.00	6.48	5.00	6.79	10.00	As Certified
Average	38.49	-----	6.23	-----	7.01	-----	
<u>Soybean Oil Meal</u>							
ALLIED MILLS, INC., Chicago, Ill. Soybean Oil Meal (3838)	41.81	41.00	7.46	5.00	5.34	7.00	As Certified
ARCHER-DANIELS MIDLAND CO., Minneapolis, Minn. Pure Old Process Soybean Oil Meal (3489; 3713)	43.07	41.00	5.61	4.50	5.33	7.00	As Certified
SHELLABARGER ORAIN PRODUCTS CO., Decatur, Ill. Soybean Oil Meal (3436)	43.81	41.00	5.12	4.50	5.47	7.00	As Certified
A. E. STALEY MANUFACTURING CO., Decatur, Ill. Staley's Soybean Oil Meal (3352; 3368; 3391; 3693; 3905; 4032)	43.93	41.00	5.24	4.50	5.82	7.00	As Certified
Average	43.53	-----	6.53	-----	5.64	-----	
<u>DISTILLERY AND BREWERY BY-PRODUCT</u>							
<u>Distillers' Dried Grains</u>							
ALLIED MILLS INC., Chicago, Ill. Corn Distillers' Dried Grains (4246)	27.88	28.00	7.73	9.00	7.89	15.00	As Certified
THE DEWEY BROTHERS CO., Blanchester, Ohio Corn 3D (Dewey's Distillers Dried) Grains (3513)	22.75	28.00	7.16	9.00	12.99	13.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
Distillers' Dried Crains (4238)	P. ct. 24.19	P. ct. 24.00	P. ct. 5.99	P. ct. 7.00	P. ct. 12.51	P. ct. 16.00	As Certified
Average	24.94	-----	6.96	-----	11.13	-----	
<u>Brewers' Dried Crains</u>							
THE DEWEY BROTHERS CO., Blanchester, Ohio Dewey's Brewers Dried Crains (3990)	25.81	22.00	6.62	6.00	15.21	18.00	As Certified
DONAHUE-STRATTON CO., Milwaukee, Wis. Hiquality Brewers Dried Crains (3369)	22.88	20.00	4.13	5.00	16.81	19.00	As Certified
FARMERS FEED CO., New York, N. Y. Bull Brand Dried Brewers Crains (4147; 4192)	29.29	24.00	6.46	6.00	13.83	17.00	As Certified
POTTSVILLE FEED CO., Pottsville, Pa. Dried Brewers Crains (3758)	25.81	21.75	6.72	7.33	13.59	15.80	As Certified
THE UBIKO MILLING CO., Cincinnati, Ohio Brewers Dried Crains (3927)	27.31	24.00	6.34	5.00	15.30	18.00	As Certified
Average	26.73	-----	6.12	-----	14.76	-----	
<u>MAIZE BY-PRODUCT</u>							
<u>Corn Cluten Meal</u>							
CORN PRODUCTS REFINING CO., New York, N. Y. Diamond (3483)	47.69	43.00	0.79	1.00	1.96	4.00	As Certified
<u>Corn Cluten Feed</u>							
CLINTON CORN SYRUP REFINING CO., Clinton, Iowa Clinton (3730)	29.06	25.00	2.79	2.00	6.18	8.50	As Certified
CORN PRODUCTS REFINING CO., New York, N. Y. Buffalo (3422; 3724; 3776; 3896; 4002)	27.65	25.00	2.48	2.00	7.71	8.50	As Certified
THE HUBINGER CO., Keokuk, Iowa Ke-Ok-Uk (3929)	29.31	25.00	3.01	2.00	6.18	8.50	As Certified
PENICK-FORD LIMITED, INC., Cedar Rapids, Iowa Douglas (3435; 3598)	27.38	25.00	2.09	1.50	7.15	8.50	As Certified
A. E. STALEY MANUFACTURING CO., Decatur, Ill. Staley's (3351; 3367; 3390; 3727; 3767; 3928; 4033)	28.50	25.00	2.16	1.00	6.57	8.00	As Certified
Average	28.18	-----	2.34	-----	6.95	-----	
<u>Corn Cluten Feed--Sweetened</u>							
CORN PRODUCTS REFINING CO., New York, N. Y. Heavy Buffalo Sweetened (3529)	22.25	20.00	2.04	1.00	5.65	7.00	As Certified
<u>Hominy Feed</u>							
DECATUR MILLING CO., INC., Decatur, Ill. Homco (3726)	11.56	10.00	8.64	7.00	5.18	6.00	As Certified
KELLOGG COMPANY, Battle Creek, Mich. White (3822; 4000)	11.47	10.00	6.19	6.00	3.77	5.00	As Certified
MILLER CEREAL MILLS, Omaha, Nebraska Hominy Feed (4059)	11.31	11.00	8.36	7.00	4.73	4.50	As Certified
GEORGE Q. MOON & CO., INC., Binghamton, N. Y. Moon's (4136)	11.44	10.00	8.37	5.00	4.06	6.00	As Certified
PRATT FOOD CO., INC., Buffalo, N. Y. White (3709; 3959)	11.03	10.00	5.99	5.00	3.72	6.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Yellow (3370; 3400; 3920)	11.61	10.00	6.30	5.00	4.32	5.00	As Certified
Average	11.41	-----	6.86	-----	4.19	-----	
<u>Corn Meal</u>							
JOHN W. ESHELMAN & SON, Lancaster, Pa. Red Rose Steel Cut Corn (3487)	10.38	8.00	3.63	3.00	1.81	4.00	As Certified
THE HUBBARD MILLING CO., Mankato, Minn. Cracked Corn (3372)	9.69	8.00	3.19	3.00	1.79	4.00	Aa Certified
Average	10.04	-----	3.41	-----	1.80	-----	
<u>Corn Feed Meal</u>							
THE HANLEY MILLING CO., Mansfield, Ohio Corn Feed Meal (4102)	11.38	9.00	5.28	4.00	3.27	3.00	Aa Certified
PHELPS & SIBLEY CO., Cuba, N. Y. Yellow Corn Feed Meal A (3820)	10.25	9.00	4.26	3.50	2.59	4.00	Aa Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
TOLEDO ORAIN & MILLING CO., Toledo, Ohio Camp's Yellow Feeding Corn Meal (4104)	11.13	9.00	6.07	3.50	3.30	4.50	As Certified
VITALITY MILLS INC., Chicago, Ill. Corn Feed Meal (3543)	11.31	9.00	5.02	3.50	3.14	3.00	As Certified
Average	11.02	-----	5.16	-----	3.07	-----	
<u>WHEAT OFFAL</u>							
<u>Wheat Bran</u>							
(With and Without Ground Grain Screenings)							
ATKINSON MILLING CO., Minneapolis, Minn. Atkinson Wheat Bran with Ground Screenings not exceeding Mill Run (3411)	18.50	14.00	5.03	4.00	8.32	12.00	As Certified
BAY STATE MILLING CO., Winona, Minn. Wingold Pure Hard Wheat Bran (3563)	17.88	14.50	5.42	4.75	10.34	13.00	As Certified
ELAINE, MACKAY, LEE COMPANY, North East, Pa. Pure Wheat Bran with Mill Run Screenings (3845; 3995; 4152)	18.40	15.00	5.44	4.00	9.69	9.00	As Certified
CANNON VALLEY MILLING CO., Minneapolis, Minn. Wheat Bran (3558)	18.31	15.50	5.27	4.80	8.91	11.00	As Certified
CITY FLOURING MILLS, Muncy, Pa. Wheat Bran (3553)	16.56	-----	3.03	-----	9.39	-----	As Certified
COMMANDER-LARABEE CORPORATION, Minneapolis, Minn. Sunfed Wheat Bran with Ground Screenings not exceeding Mill Run (3731; 3816; 3899)	18.46	14.00	5.56	4.00	9.78	12.00	As Certified
COMMERCIAL MILLING CO., Detroit, Mich. Extreme Fancy Pure Winter Wheat Bran (3428; 3566)	16.06	15.00	3.45	3.00	10.01	12.00	As Certified
COOPERATIVE G.L.F. MILLS, INC., Buffalo, N. Y. O.L.F. Wheat Bran with Ground Screenings (3830; 4038)	18.16	14.00	4.20	3.50	7.88	12.00	As Certified
J. B. CURRY'S SONS, Pelmyra, Pa. Wheat Bran with Ground Screenings not exceeding Mill Run (4066)	17.31	14.00	3.99	3.00	8.05	12.00	As Certified
DULUTH-SUPERIOR MILLING CO., Duluth, Minn. Duluth Imperial Wheat Bran (3780)	17.50	15.00	5.48	3.75	9.08	13.00	As Certified
Durum Wheat Bran with Ground Screenings not exceeding Mill Run (4144)	18.06	15.00	5.64	4.00	7.53	12.00	As Certified
EAGLE ROLLER MILL CO., New Ulm, Minn. Eagle Pure Wheat Bran (3817)	18.25	15.00	5.77	4.00	9.46	12.00	As Certified
THE FAIRCHILD MILLING CO., Cleveland, Ohio Wheat Bran with Ground Screenings not exceeding Mill Run (3777)	18.38	14.00	5.49	3.50	8.53	12.00	As Certified
S. FOUGHT & SON, Hughesville, Pa. Wheat Bran (3634)	15.63	15.00	4.05	4.00	7.95	10.00	As Certified
GENERAL MILLS INC., Minneapolis, Minn. Gold Medal Hard Wheat Bran and Mill Run Cleaned Ground Wheat Screenings (3423)	17.63	14.00	4.42	4.00	9.22	12.00	As Certified
HECKER-JONES-JEWELL MILLING CO., Buffalo, N. Y. Choice Wheat Bran with Ground Screenings not exceeding Mill Run (3819)	17.00	13.50	5.14	3.50	10.44	14.00	As Certified
INTERNATIONAL MILLING CO., Minneapolis, Minn. Blackhawk Pure Wheat Bran (3418; 3596; 4011; 4037)	17.53	15.00	4.97	3.20	9.63	12.00	As Certified
ROBERT JAMIESON & SONS, Fredonia, Pa. Pure Wheat Bran (3797)	16.56	14.00	4.49	3.00	10.52	10.00	As Certified
KING MIDAS MILL CO., Minneapolis, Minn. Clover Leaf Pure Wheat Bran (3917; 4117)	18.28	15.00	4.94	4.00	10.40	12.00	As Certified
LA GRANGE MILLS, Red Wing, Minn. Pure Fancy Coarse Wheat Bran (3914)	18.00	15.00	5.37	4.50	10.33	13.00	As Certified
LAKEVIEW MILLING CO., Chambersburg, Pa. Soft Winter Wheat Bran (4030)	16.50	14.00	4.45	4.00	8.25	9.50	As Certified
THE LARABEE FLOUR MILLS CO., Kansas City, Mo. Sunfed Pure Winter Wheat Bran (4058)	17.25	15.00	4.72	3.50	9.69	11.00	As Certified
MAUSER MILL CO., Treichlers, Pa. Pure Wheat Bran (3468; 4118)	18.85	14.00	4.62	5.00	8.88	10.00	As Certified
MENNEL MILLING CO., Toledo, Ohio Doughboy Pure Bran (4159)	18.81	15.00	4.04	4.00	8.80	9.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
MOSLEY & MOTLEY MILLING CO., Rochester, N. Y. Sig 8 Wheat Bran (3757)	17.75	13.50	6.11	3.00	8.32	13.00	As Certified
THE NATIONAL MILLING CO., Toledo, Ohio Pure Wheat Bran (3462; 4097)	17.00	14.00	4.07	3.00	9.56	10.00	As Certified
PILLSBURY FLOUR MILLS CO., Minneapolis, Minn. Pillsbury's Hard Wheat Bran and Screenings (3787; 3924)	17.94	14.00	5.01	4.00	9.01	12.00	As Certified
RED BANK MILLS, New Bethlehem, Pa. Bran (3371; 3399)	19.63	15.00	5.09	4.00	8.67	12.00	As Certified
ROBIN HOOD MILLS LIMITED, CALGARY, Canada Superior Wheat Bran (4145)	18.56	15.00	4.91	3.50	10.69	11.50	As Certified
RUSSELL-MILLER MILLING CO., Minneapolis, Minn. Hard Wheat Occident Bran (3409; 3591)	19.72	14.00	5.67	4.00	8.49	11.50	As Certified
STANDARD MILLING CO., Kansas City, Mo. Red Turkey Pure Wheat Bran (4057)	16.88	15.00	4.38	3.50	9.14	10.00	As Certified
F. W. STOCKS SONS, Hilledale, Michigan Stock's Bran with Mill Run Screenings (3355; 3595; 3890)	18.17	17.00	4.18	4.00	8.68	10.00	As Certified
E. S. THOMAS, Holsopple, Pa. Pure Wheat Bran (3459)	15.38	15.00	3.92	4.00	8.71	11.00	As Certified
UNITED MILLS CO., INC., Grafton, Ohio U. M. C. Bran (3402; 3988)	16.88	15.00	4.07	4.00	9.34	10.00	As Certified
WASHEURN-CROSBY CO., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings (3778; 3832)	18.32	14.00	5.77	4.00	9.12	12.00	As Certified
Average	17.85	-----	4.82	-----	9.21	-----	
<u>Mixed Feed--Wheat By-Product</u>							
<u>(With and Without Grain Screenings)</u>							
SAY STATE MILLING CO., Winona, Minn. Wingold Fancy Pure Hard Wheat Mixed Feed (3701)	20.31	16.00	5.64	4.00	6.06	9.00	As Certified
COMMANDER-LARABEE CORPORATION, Minneapolis, Minn. Sunfed Wheat Mixed Feed with Ground Screenings not exceeding Mill Run (3815)	20.50	15.00	5.97	4.00	6.12	8.50	As Certified
COOPERATIVE G. L. F. MILLS INC., Buffalo, N. Y. Hard Wheat Mixed Feed with Ground Screenings not exceeding Mill Run (3831)	18.88	14.00	5.51	3.50	7.77	9.50	As Certified
ROBERT JAMIESON & SONS, Pradonia, Pa. Pure Wheat Mixed Feed (4101)	17.31	14.00	4.72	3.00	8.23	10.00	As Certified
GEORGE Q. MOON & CO., INC., Binghamton, N. Y. Moon's Fresh Ground Mixed Feed (4132)	17.56	15.00	4.51	4.00	6.98	10.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Buckeye Feed (3795; 3912; 4001; 4015; 4019)	17.93	15.50	4.63	4.50	7.28	10.00	As Certified
J. M. ROTH, Prospect, Pa. Bran and Middlings (3998)	15.25	-----	3.44	-----	5.29	-----	As Certified
RUSSELL-MILLER MILLING CO., Minneapolis, Minn. Hard Wheat Occident Mixed Feed (3805)	20.31	15.00	5.90	4.50	8.26	9.50	As Certified
Average	18.31	-----	4.90	-----	7.09	-----	
<u>Wheat Middlings</u>							
<u>(With and Without Ground Grain Screenings)</u>							
<u>Wheat Standard Middlings</u>							
BLAINE, MACKAY, LEE CO., North East, Pa. Pure Wheat Middlings with Mill Run Screenings (3357; 3847)	19.01	15.00	5.52	4.00	7.22	9.00	Wheat standard middlings with mill run screenings.
COMMANDER-LARABEE CORPORATION, Minneapolis, Minn. Sunfed Wheat Standard Middlings with Ground Screenings not exceeding Mill Run (3461)	18.06	14.50	5.45	4.00	9.23	9.50	As Certified
B. A. ECKHART MILLING CO., Chicago, Ill. Standard Wheat Middlings and Screenings (4096)	19.38	15.00	4.42	4.00	7.88	9.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE FAIRCHILD MILLING CO., Cleveland, Ohio Standard Middlings with Ground Screenings not exceeding Mill Run (3796; 3811)	19.79	16.00	5.14	4.00	7.31	9.50	As Certified
HUBBARD MILLING CO., Mankato, Minn. Standard Wheat Middlings with Ground Screenings not exceeding one-half Mill Run (3366)	18.69	16.00	4.16	4.50	6.31	9.50	As Certified
KING MIDAS MILL CO., Minneapolis, Minn. Wheat Standard Middlings and Ground Wheat Screenings (3921; 4119)	18.69	15.00	5.56	4.00	7.49	9.00	As Certified
PILLSBURY FLOUR MILLS CO., Minneapolis, Minn. Hard Wheat Standard 8 Middlings and Screenings (3362; 3403)	19.16	15.00	5.20	4.00	6.63	9.50	As Certified
ST. PAUL MILLING CO., St. Paul, Minn. Komo Wheat Standard Middlings with Ground Screenings not exceeding Mill Run (3412)	18.75	15.00	4.95	4.50	6.65	9.50	As Certified
DAVID STOTT FLOUR MILLS, INC., Detroit, Michigan Pennant Wheat Middlings and Wheat Screenings (3793)	18.56	15.00	4.53	4.00	7.38	9.00	Wheat standard middlings with mill run screenings.
WASHBURN-CROSBY CO., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings (3433; 3909)	18.44	15.00	5.21	4.00	6.51	9.50	As Certified
Average	18.91	-----	5.11	-----	7.18	-----	
<u>Wheat Flour Middlings</u>							
BAY STATE MILLING CO., Winona, Minn. Wingold Pure Hard Wheat Flour Middlings (3419; 3700)	20.54	16.50	5.03	4.00	4.07	6.00	As Certified
BIG RUN MILLING CO., Big Run, Pa. Wheat Middlings (3647)	15.38	11.40	3.21	5.00	2.33	4.70	Wheat flour middl- ings.
THE BUCKEYE CEREAL CO., Massillon, Ohio White Middlings (3938)	18.38	15.00	4.72	3.50	5.96	5.50	Wheat flour middl- ings.
CANNON VALLEY MILLING CO., Minneapolis, Minn. Cannon Feed (3785)	18.88	17.00	3.56	3.00	2.64	6.00	Wheat flour middl- ings with mill run ground screenings.
COMMANDER-LARABEE CORPORATION, Minneapolis, Minn. Sunfed Wheat Flour Middlings with Ground Screenings not exceeding Mill Run (3892)	21.19	16.00	5.38	4.00	5.25	6.00	As Certified
COMMERCIAL MILLING CO., Detroit, Mich. Extra Fancy Comco Wheat Middlings with Ground Screenings not exceeding Mill Run (3427)	17.91	15.00	4.60	3.50	6.14	7.00	Wheat flour middl- ings with mill run ground screenings.
Extra Fancy Flour Wheat Middlings with Ground Screenings not exceeding Mill Run (3429; 3565; 3794)	16.12	14.00	3.45	2.50	2.91	6.00	As Certified
COOPERATIVE G.L.F. MILLS INC., Buffalo, N. Y. Wheat Flour Middlings with Ground Screenings not exceeding Mill Run (3829)	19.25	15.00	5.19	4.00	4.27	6.00	As Certified
J. S. CURRY'S SONS, Palmyra, Pa. Wheat Flour Middlings with Ground Screenings not exceeding Mill Run (4067)	18.38	14.00	3.99	3.00	3.97	8.00	As Certified
S. FOUGHT & SON, Richavilla, Pa. Wheat Middlings (3633)	16.44	16.00	4.60	4.00	4.14	6.00	Wheat flour middl- ings.
ROBERT JAMIESON & SONS, Fradonia, Pa. Pure Wheat Middlings (3798; 4100)	17.41	15.00	4.51	3.50	3.94	6.00	Wheat flour middl- ings.
KING MIDAS MILL CO., Minneapolis, Minn. Snow Ball Wheat Flour Middlings and Ground Wheat Screenings (4020)	20.19	16.00	4.98	4.00	4.34	6.00	As Certified
LA GRANGE MILLS, Red Wing, Minn. Wheat Flour Middlings (3547)	18.69	16.50	4.17	3.50	3.14	5.00	As Certified
LAKEVIEW MILLING CO., Chambersburg, Pa. Soft Winter Wheat Middlings (4029)	17.75	15.00	4.42	4.00	4.45	7.00	Wheat flour middl- ings with mill run ground screenings.
MAUSER MILL CO., Treichlers, Pa. Mauser's Flour Middlings with Ground Screenings not exceeding Mill Run (3470; 4121)	19.10	14.00	3.78	4.00	3.64	6.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
NORTHWESTERN ELEVATOR CO., Toledo, Ohio Taylor's Wheat Middlings with Ground Screenings not exceeding Mill Run (4052)	19.00	16.00	4.40	4.00	6.01	8.00	Wheat flour middlings with mill run ground screenings.
RUSSELL-MILLER MILLING CO., Minneapolis, Minn. Occident Rard Wheat Flour Middlings (3410; 3594; 4143)	18.88	15.00	4.62	4.50	3.92	5.00	As Certified
F. W. STOCK & SONS, Hillsdale, Mich. Middlings (3568)	18.31	17.00	4.64	4.00	5.33	7.00	Wheat flour middlings.
TENNANT & HOYT CO., Lake City, Minn. Golden Leaf Pure Flour Middlings (3611)	20.13	17.00	5.15	5.00	3.28	5.00	As Certified
WASHBURN-CROSEY CO., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings (3791)	18.94	16.00	4.98	4.00	5.14	6.00	As Certified
Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings (4012)	17.19	15.00	4.54	4.00	6.46	9.00	Wheat flour middlings with mill run ground screenings.
Average	18.39	-----	4.40	-----	4.11	-----	
<u>White Shorts</u>							
C. R. BERGER, Trout Run, Pa. Wheat Middlings (3869)	15.13	13.00	3.40	2.50	2.26	6.50	Wheat white shorts.
BLAINE, MACKAY, LEE CO., North East, Pa. Pure Wheat Middlings Mill Run Screenings (4151)	19.00	15.00	4.71	4.00	3.44	9.00	Wheat white shorts with mill run ground screenings.
INTERNATIONAL MILLING CO., Minneapolis, Minn. Blackhawk Wheat Flour Middlings (3893)	18.69	16.00	4.38	3.50	3.14	4.00	Wheat white shorts.
KEYSTONE MILLS, Hughesville, Pa. Pure Wheat Middlings (3636)	15.63	16.00	3.71	4.00	4.06	6.00	Wheat white shorts.
LA GRANGE MILLS, Red Wing, Minn. Wheat Flour Middlings (3913)	19.25	16.50	4.21	3.50	3.10	5.00	Wheat white shorts.
NATIONAL MILLING CO., Toledo, Ohio Tollie Wheat Middlings and Wheat Flour with Ground Screenings not exceeding Mill Run (3463)	16.44	15.00	4.04	3.50	4.81	6.00	Wheat white shorts with mill run ground screenings.
PILLSBURY FLOUR MILLS CO., Minneapolis, Minn. Pillsbury Hard Wheat A Middlings and Screenings (3501)	18.25	16.00	4.42	4.00	4.26	6.00	Wheat white shorts with mill run ground screenings.
RED BANK MILLS, New Bethlehem, Pa. Middlings with Screenings not exceeding Mill Run (3398)	16.50	16.00	4.09	4.00	4.20	10.00	Wheat white shorts with mill run ground screenings.
THE RICHARDS MILLING CO., Cortland, Ohio Fancy Winter Wheat Middlings (3783)	15.44	15.00	2.96	3.00	2.48	10.00	Wheat white shorts.
F. W. STOCK & SONS, Hillsdale, Mich. Middlings (3599)	17.31	17.00	3.68	4.00	3.98	7.00	Wheat white shorts.
E. S. THOMAS, Holsopple, Pa. Pure Wheat Middlings (3460)	15.44	16.00	4.04	4.50	4.20	6.50	Wheat white shorts.
Average	17.00	-----	3.96	-----	3.63	-----	
<u>Low Grade Flour</u>							
BAY STATE MILLING CO., Winona, Minn. Wingold Reddog (3562)	19.75	16.50	4.11	3.80	2.04	3.50	Low grade wheat flour.
BLAINE, MACKAY, LEE CO., North East, Pa. Red Dog Wheat Flour (3359; 3846)	19.44	15.00	4.38	3.00	3.36	3.00	Low grade wheat flour.
HUBBARD MILLING CO., Mankato, Minn. Mother Hubbard Sterling Wheat Red Dog (4025)	20.13	17.00	3.45	3.50	1.26	2.50	Low grade wheat flour.
INTERNATIONAL MILLING CO., Minneapolis, Minn. Elack Hawk Wheat Red Dog (3641)	19.25	16.00	4.11	3.50	2.48	4.00	Low grade wheat flour.
THE NORTHWESTERN CONSOLIDATED MILLING CO., Minneapolis, Minn. XXX Comet (3417)	20.38	16.00	4.97	4.00	2.46	4.00	Low grade wheat flour.
PILLSBURY FLOUR MILLS CO., Minneapolis, Minn. XX Daisy (3361; 3404; 3498)	19.11	16.00	3.93	4.00	2.38	4.00	Low grade wheat flour.

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
WASHBURN-CROSSY CO., Minneapolis, Minn. Adrian Rad Dog (3781; 3894)	18.72	16.00	3.61	3.50	1.70	4.00	Low grade wheat flour.
Average	19.38	-----	4.04	-----	2.32	-----	
<u>BUCKWHEAT FEED</u>							
MITCHELL MILLING CO., Clearfield, Pa. Pure Buckwheat Feed (3437)	17.31	15.00	4.32	3.00	26.60	31.00	As Certified
<u>RYE OFFAL</u>							
Rye Middlings							
PILLSBURY FLOUR MILLS CO., Minneapolis, Minn. Rye Middlings and Screenings (3405)	17.56	15.00	3.58	3.50	6.07	9.00	As Certified
<u>PALM OIL MIDDINGS</u>							
NEWSOME FEED & GRAIN CO., Pittsburgh, Pa. Palm Middlings (3555)	16.50	16.00	9.04	7.00	6.04	9.00	Wheat and rye middlings with ground screenings not exceeding mill run and palm oil.
<u>OAT BY-PRODUCT</u>							
<u>Oat Meal</u>							
NORTHERN ILLINOIS CEREAL CO., Lockport, Ill. Gold Medal Choice Roller Oats (3667; 3841)	17.69	16.00	6.36	7.00	1.35	3.00	As Certified
PRATT FOOD CO., Buffalo, N. Y. Pratt's Feeding Oatmeal (3515)	15.69	15.00	6.69	5.00	3.61	3.75	As Certified
Average	17.02	-----	6.47	-----	2.10	-----	
<u>Oat Feed</u>							
THE QUAKER OATS CO., Chicago, Ill. Vim Feed (4099)	6.88	5.00	1.93	2.00	26.08	30.00	Oat mill feed (oat hulls, oat shorts, oat middlings).
<u>ALFALFA MEAL</u>							
THE A. S. CAPLE CO., Toledo, Ohio Leafy Alfalfa Meal (4133)	19.19	18.00	2.75	2.00	15.23	20.00	As Certified
FERNANDO VALLEY MILLING & SUPPLY CO., Los Angeles, California Fernando Alfalfa Meal Fine Ground (3482)	17.56	17.00	2.25	2.00	23.26	25.00	As Certified
GREEN ACRE FARMS, Nazareth, Pa. Green Acres Brand Sugar Quality Alfalfa Meal (3564)	22.44	17.00	2.85	2.00	21.82	25.00	As Certified
MEADOW BROOK FARMS, Nazareth, Pa. Meadow Brook Superior Alfalfa Meal (3991)	20.38	17.00	2.28	2.00	26.75	25.00	As Certified
PECOS VALLEY ALFALFA MILL CO., Hagerman, N. M. Peevee Alfalfa Leaf Meal (3710)	21.88	20.00	3.29	2.50	15.72	18.00	As Certified
SAUNDERS MILLS INC., Toledo, Ohio Velvet Brand Alfalfa Meal (3358)	17.44	17.00	2.63	1.50	24.92	23.00	As Certified
Average	19.82	-----	2.68	-----	21.28	-----	
<u>DRIED BEET PULP</u>							
THE LARROWE MILLING CO., Detroit, Mich. Dried Beet Pulp (3548; 3556; 3688; 4041; 4044; 4072)	10.22	7.00	0.60	0.30	18.57	22.50	As Certified
Dried Molasses Beet Pulp (3514)	11.56	7.00	0.60	0.30	15.51	20.00	As Certified
Average	10.41	-----	0.60	-----	18.13	-----	
<u>MIXED FEEDS--PROPRIETARY AND MISCELLANEOUS</u>							
<u>Proprietary Dairy Feed</u>							
ACME MILLING CO., Olean, N. Y. Acma Golden Dairy Feed "8" (3448; 3644)	26.22	24.00	5.08	4.50	7.63	9.00	As Certified
Acme Golden Supplemental Dairy Feed (3449)	33.00	32.00	5.79	5.00	8.58	10.00	Soybean meal not detected.
ALLIED MILLS INC., Chicago, Ill. Amco 24% Dairy Ration (4003; 4215)	26.79	24.00	4.84	3.50	7.90	9.00	As Certified
Amco 32% Supplemental Dairy Ration (4089; 4216)	34.16	32.00	4.26	4.00	6.50	9.00	As Certified
Emergency 20% Dairy Ration (4214)	22.13	20.00	4.21	3.00	10.52	12.00	As Certified
Empire 16½% Dairy Ration (3871)	18.75	16.50	4.57	3.00	9.05	12.00	Found in addition ground oats.
Empira 24% Dairy Ration (3408)	27.13	24.00	5.28	3.00	8.39	12.00	As Certified
Suprene 16½% Dairy Ration (4213)	18.38	16.50	3.96	3.00	9.96	12.00	As Certified
Wayne 20% Dairy Feed (3447; 3970)	23.70	20.00	4.04	3.50	7.26	9.00	As Certified
Wayna 24% Dairy Feed (4084)	24.50	24.00	4.92	3.50	7.44	9.00	Found in addition fish meal.
Wayna 32% Farm Mix Dairy Feed (3407; 3965; 4085)	34.31	32.00	1.78	4.00	6.87	9.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
R. S. ALTMAN, Irwin, Pa. Altman's Best 16% Protein Dairy Feed (4113)	18.50	16.00	4.59	3.00	8.90	11.00	As Certified
Altman's Open Formula 20% Dairy Feed (4112)	21.69	20.00	4.54	4.00	7.27	10.00	As Certified
Altman's 24% Dairy Feed (4110)	25.94	24.00	4.74	4.00	7.02	10.00	As Certified
Altman's 24% Dairy Feed (3491)	22.88	24.00	4.46	4.00	8.10	10.00	Soybean oil meal not detected.
ANDERSON GRAIN & FEED CO., York, Pa. Anderson's 24 Dairy Feed (3883)	27.69	24.00	5.62	4.00	8.60	12.00	Soybean oil meal not detected.
GEORGE M. ANTHONY, Straoustown, Pa. Anthony's Perfectly Balanced Dairy Feed (3683)	21.56	20.00	5.06	3.50	7.40	9.00	As Certified
ARCADY FARMS MILLING CO., Chicago, Ill. Arcady Sweet 16 Dairy Feed (4227)	17.50	16.00	4.09	4.00	11.91	12.50	Found in addition small amount unground weed seeds.
Milkers' Ready Ration (3413)	23.63	22.00	4.98	4.00	10.25	12.00	Found in addition ground oats.
Peerless Milk Ration for Dairy Feed (4228)	22.44	20.00	3.47	3.50	10.13	12.00	As Certified
Provo 16% Dairy Feed (3414)	18.44	16.00	4.98	3.50	11.88	13.50	Found in addition ground oats.
Wonder Dairy Ration 24% (4229)	23.94	24.00	4.09	4.00	9.64	10.00	As Certified
R. A. SATES & SON, Knoxville, Pa. Oak Leaf Dairy Ration (4194)	24.81	24.00	5.63	4.00	7.92	9.00	As Certified
THE BEACON MILLING CO., INC., Cayuga, N. Y. Beacon Dairy Ration (3717)	24.50	24.00	4.60	4.50	8.82	9.00	As Certified
Beacon Sweet 24 (3679)	25.50	24.00	4.52	4.00	7.46	9.00	As Certified
Beacon 20 (3443; 3716)	21.13	20.00	5.23	4.50	7.48	9.00	As Certified
Beacon 32 (3621)	32.31	32.00	4.74	4.50	6.53	8.50	As Certified
BIG RUN MILLING CO., Big Run, Pa. Big Run Dairy Ration (3648)	20.06	20.00	5.39	6.00	6.64	7.00	Found in addition buckwheat.
BLACK ROCK MILLING CORPORATION, Buffalo, N. Y. Doublex 20% Dairy Ration (3755)	21.88	20.00	4.04	4.00	7.65	11.00	As Certified
Doublex 20% Dairy Ration (4196)	20.44	20.00	4.65	4.00	8.81	11.00	Found in addition clipped oat by-product and ground corn.
BLANK & GOTTSHALL CO., INC., Sunbury, Pa. Banner 20% Dairy Ration (4128)	22.69	20.00	3.55	4.00	8.40	10.00	As Certified
Banner 24% Dairy Ration (4127)	25.75	24.00	4.17	5.00	9.88	11.00	As Certified
BROWN & FASSETT, Tunkhannock, Pa. S & F Dairy Ration (3807)	24.13	22.00	4.28	4.00	7.78	10.00	As Certified
S & F Milk Ration (3809)	19.56	17.00	3.99	3.50	10.39	11.00	As Certified
JOHN S. BROWN'S SON, New Castle, Pa. Our Quality 24% Dairy Ration (3792)	29.31	24.00	4.45	4.00	7.78	12.00	As Certified
E. R. CRAMERS, Elkview, Pa. Chamber's Special Dairy Feed (3945)	21.81	20.00	3.82	3.50	10.06	12.00	As Certified
CITY FLOURING MILLS INC., Muncy, Pa. Muncy 20 Dairy (3973)	20.50	20.00	4.04	5.00	8.09	11.00	As Certified
Muncy 24 Dairy (3971)	23.69	24.00	4.25	5.00	8.17	11.00	As Certified
Muncy 32 Dairy (3972)	33.75	32.00	4.18	5.00	8.20	11.00	As Certified
J. A. CLARK, Weigh Scales, Pa. Clark's Dairy Feed (4172)	24.38	22.00	5.24	4.00	8.29	9.00	As Certified
COOPERATIVE G.L.F. EXCHANGE INC., Buffalo, N. Y. O.L.F. Quality Exchange Dairy (3734; 4199)	21.82	20.00	5.10	4.00	6.97	8.50	As Certified
O.L.F. Quality 32% Supplemental Dairy Feed (3733)	31.94	32.00	4.53	4.00	7.03	8.50	Found in addition linseed oil meal.
CUSTER FLOUR MILLS, Milton, Pa. Custer's Dairy Ration #1 (4171)	25.19	20.00	4.21	3.00	7.89	8.00	Found in addition ground rye.
Custer's Dairy Ration #2 (4170)	26.75	24.00	3.62	3.00	8.95	9.00	As Certified
DAYTON MILLING CO., Towanda, Pa. Dayton's 20% Dairy Ration (4204)	23.25	20.00	4.59	4.00	9.69	11.50	As Certified
DIETRICH & OAMBRILL INC., Lewisburg, Pa. Gambrill's A-1 Dairy Feed (4162)	26.06	24.00	5.04	4.60	7.48	9.00	As Certified
Gambrill's High Protein Dairy Feed (4164)	34.06	32.00	5.06	5.00	7.93	9.00	As Certified
Gambrill's 16% Dairy Feed (4094)	17.94	16.00	4.04	3.50	11.11	12.00	As Certified
R. J. DUNHAM, Melleboro, Pa. Tyoga Dairy Ration (3862)	24.13	24.00	5.10	5.50	8.39	9.00	As Certified
20% Special Dairy Ration (3861)	20.69	20.00	3.89	3.50	11.82	12.50	As Certified
H. E. DYE, Turbotville, Pa. Profit Maker 20% Dairy (4219)	21.06	20.00	4.76	4.00	8.28	10.00	Mineral mixture identified as bone and calcium carbonate.
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Eshelman Challenge Dairy Feed (3660; 4178)	25.19	24.00	4.84	4.00	8.27	11.00	As Certified
Eshelman Challenge Dairy Feed (4209)	26.00	24.00	4.62	4.00	8.12	11.00	Found in addition small amount unground weed seeds.
Eshelman Conestoga 20 Dairy Feed (3658)	21.19	20.00	5.13	4.00	9.53	11.00	Found in addition corn.
Eshelman Conestoga 20 Dairy Feed (4081; 4208)	22.10	20.00	4.89	4.00	9.60	11.00	Found in addition small amount unground weed seeds.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Eshelman Lancaster 20 Dairy Feed (3506)	24.50	20.00	4.54	4.00	7.19	11.00	As Certified
Eshelman Pennsy 16 Dairy Feed (4179)	17.63	16.00	4.24	3.00	11.61	11.00	As Certified
Eshelman Pennsy 16 Dairy Feed (3979; 4082; 4211)	18.42	16.00	4.89	3.00	10.74	11.00	Found in addition small amount un- ground weed seeds.
Eshelman Red Rose 24 Dairy Feed (4090)	27.00	24.00	4.48	4.00	7.55	11.00	As Certified
Eshelman SOS (3488)	14.50	11.00	2.75	2.00	14.49	15.00	As Certified
Eshelman 32% Mixing Retion (4080;4210)	33.44	32.00	4.78	4.50	6.94	9.00	As Certified
Golden Rod 25% Dairy Feed (3659)	26.69	25.00	5.54	5.00	9.47	11.00	As Certified
Maintenance Red Rose 24% Dairy Feed (3657)	25.56	24.00	4.60	4.00	7.90	11.00	As Certified
HALES & HUNTER CO., Chicago, Ill. Special Red Horn 20% Dairy Feed (3639)	22.06	20.00	4.35	4.00	8.47	11.00	As Certified
THE HANLEY FEED MILLS, Mansfield, Ohio Portage 16% Dairy Retion (3843)	17.81	16.00	4.81	3.50	11.63	12.00	As Certified
Portage 24% Akron Dairy Retion (3842)	24.00	24.00	4.99	3.50	9.21	12.00	As Certified
THE HUSSARD MILLING CO., Mankato, Minn. Bubberd's Sunshine 20% Dairy Retion (4023)	22.75	20.00	4.79	5.00	8.16	8.50	As Certified
HUNTSINGER MILLS, Hedges, Pa. Quality Dairy Retion (3940)	22.75	20.00	5.17	4.50	6.74	8.00	Found in addition berley.
KASCO MILLS INC., Toledo, Ohio Kasco 16% Dairy Feed (4043)	16.88	16.00	4.61	3.50	11.46	12.00	As Certified
Oc-Sek 24% Dairy Feed (3512)	24.44	24.00	4.20	4.00	11.72	12.00	Soybean meal not detected. Found in addition ground corn.
S. C. KREISEL, West Point, Pa. West Point Dairy Feed (3947)	28.19	21.00	4.55	4.00	8.37	10.00	Found in addition selt.
THE LARROWE MILLING CO., Detroit, Mich. Larro The Ready Retion for Dairy Cows (3686; 3858; 4075)	22.00	20.00	4.30	3.75	9.58	12.00	As Certified
LAUREL PARK MILLS, Millmont, Pa. Snook's Dairy Feed (4165)	21.38	20.00	3.86	4.50	7.15	10.00	Found in addition beet pulp.
J. K. LEWIS ESTATE, Boneybrook, Pa. Honey Brook 16% Dairy Feed (3874)	18.69	16.00	4.30	3.00	7.96	11.00	Found in addition elfeife meal.
LEWIS-STEEL FEED CO., Indiana, Pa. Indiana 20% Dairy Ration (3602)	20.00	20.00	4.39	4.00	10.85	12.00	As Certified
LYCOMING MILLS, Williamsport, Pa. Dairy Feed 24% (3626)	25.13	24.00	4.32	4.50	7.51	9.50	As Certified
Dairy Feed 32% (3624)	32.25	32.00	4.59	3.50	8.63	10.00	As Certified
W. B. MANBECK & CO., Mifflin, Pa. Juniete Dairy Feed (4224)	22.94	19.50	4.52	4.30	7.43	8.50	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y. 88 Hi-Test Dairy Feed 20% Protein Sweetened (4184)	21.25	20.00	4.48	4.00	9.93	12.00	Found in addition small amount un- ground weed seeds.
88 Mermico 16% Protein Dairy Feed with Molasses (4185; 4237)	17.50	16.00	4.12	4.00	10.24	12.00	As Certified
88 Mermico 16% Protein Dairy Feed with Molasses (4087)	18.56	16.00	4.90	4.00	10.33	12.00	Found in addition small amount un- ground weed seeds.
Reel Value 20% Dairy Feed (4086)	20.81	20.00	4.69	4.00	10.30	12.00	Found in addition small amount un- ground weed seeds.
R. C. MEEK ESTATE, Allenwood, Pa. Meek's High Grade 20% Dairy Retion (3865)	28.56	20.00	5.14	4.50	8.87	12.00	As Certified
Meek's High Grede 20% Dairy Retion (4092)	23.81	20.00	5.44	4.50	8.39	12.00	Found in addition toasted wheat bren.
Meek's High Grede 24% Dairy Feed(4093)	24.56	24.00	5.25	4.00	7.90	12.00	Found in addition toasted wheat bren.
Meek's Sweet 16 Dairy Retion (3867)	19.44	16.00	3.84	3.50	11.90	12.00	Found in addition toasted wheat bren.
MIFFLINBURG FARMERS EXCHANGE, Mifflinburg, Pa. Farmers' Dairy Cow (4076)	21.25	20.00	4.45	3.50	6.77	9.00	As Certified
Farmers' Own Dairy Mix (4078)	27.94	25.00	4.45	3.50	8.24	9.00	As Certified
Farmers' Sugared Dairy Ration (4079)	17.50	15.00	3.81	3.30	10.23	12.00	As Certified
MITCHELL MILLING CO., Clearfield, Pa. Dairy Retion (3439)	26.06	24.00	5.12	4.00	9.99	11.00	As Certified
PARK & POLLARD CO., Buffalo, N. Y. Milk-Meid 24% Sweetened Dairy Ration (3756)	25.44	24.00	4.19	4.50	7.62	11.00	Found in addition malt sprouts.
Top Notch 16% Retion (4191)	17.00	16.00	4.26	3.50	10.38	12.00	As Certified
Top Notch 16% Retion (3906)	17.00	16.00	4.16	3.50	8.60	12.00	Found in addition wheat bren.
PHELPS & SIBLEY CO., Cuba, N. Y. By-Mo Heavy Molasses Dairy Retion(3818)	19.81	16.00	3.96	3.50	8.95	12.00	As Certified
Tofor Dairy Feed (3859)	26.44	24.00	4.87	4.00	9.98	10.00	As Certified
PURINA MILLS, Buffalo, N. Y. Purina Blue Checker Cow Chow 20%(4150)	25.00	20.00	4.15	3.00	9.32	12.00	As Certified
Purina Bulky Las Chow (Buffalo Mill) (4220)	13.25	9.00	3.31	1.30	13.56	15.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Purina Green Checker Cow Chow 24% (3469; 3620; 4027; 4088; 4169; 4221)	26.61	24.00	4.64	3.00	10.07	12.00	As Certified
Purina Red Checker Cow Chow 34% (3737)	35.00	34.00	4.66	3.00	9.40	12.00	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
Quaker Schumacher Feed (3471)	11.00	10.00	4.20	3.00	10.97	12.00	As Certified
Quaker Sugared Schumacher Feed (3401; 3550; 4073)	11.06	10.00	3.71	3.00	10.60	12.00	As Certified
Quaker 16% Protein Dairy Ration (3551; 4014; 4018)	17.52	16.00	3.98	3.50	10.32	12.00	As Certified
Quaker 20% Dairy Ration (3553)	21.00	20.00	4.13	3.25	10.29	12.00	As Certified
Quaker 24% Dairy Ration (3552; 3610)	25.72	24.00	4.34	4.00	10.74	12.00	As Certified
W. A. REED ESTATE, Paxinos, Pa.							
Shamrock Special Dairy Feed (4182)	24.31	20.00	4.77	3.19	6.71	9.00	Found in addition ground buckwheat.
THE RICHARDS MILLING CO., Cortland, Ohio							
Richard's Cash Dairy Feed (3606)	25.06	24.00	2.59	4.50	11.17	10.00	Soybean meal not detected. Found in addition brewers grains and malt sprouts.
Richard's 32% Dairy Feed (3608)	30.50	32.00	3.58	4.60	5.76	10.00	Soybean meal not detected. Found in addition barley.
H. ROCKWELL & SON, Canton, Pa.							
Bradford Dairy Ration (3536)	22.69	19.00	7.17	4.25	6.97	9.00	As Certified
Canton 16% Dairy Ration (3534)	18.50	16.00	5.21	4.00	10.12	12.00	As Certified
32% Mixing Ration (3537)	36.50	32.00	4.76	4.25	5.91	9.00	As Certified
J. S. ROUX, Farrell, Pa.							
Roux 16% Dairy Feed (4049)	18.75	16.00	4.62	3.50	10.72	12.00	As Certified
Roux 20% Dairy Feed (4048)	21.50	20.00	5.00	4.00	9.90	12.00	As Certified
Roux 24% Dairy Feed (4051)	24.06	24.00	5.05	4.00	9.14	12.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa.							
Iron City Dairy Feed (3465; 4009)	19.25	16.00	4.63	3.00	7.61	12.00	As Certified
Red Letter Dairy Feed (3899)	25.75	20.00	4.34	4.00	9.16	12.00	As Certified
Shadyside Brand Special Dairy Feed (3891)	24.69	20.00	5.18	4.00	10.26	12.00	As Certified
E. S. THOMAS, Holmsopple, Pa.							
Thomas' Dairy Feed (3458)	25.88	24.00	4.03	4.00	7.51	10.00	As Certified
M. S. THOMAS CO., Salladasburg, Pa.							
Thomas' Dairy Ration (3624)	27.31	24.00	6.30	4.40	7.83	8.00	Found in addition malt sprouts.
TIOGA-EMPIRE FEED MILLS, INC., Weverly, N. Y.							
Or-Co Feed (4141)	19.44	18.00	3.81	2.50	9.97	12.00	As Certified
Red Brand Tioga Dairy Feed (3763)	27.63	24.00	5.35	4.50	8.40	10.00	As Certified
20% Creamatine (4137)	22.58	20.00	4.90	4.50	6.77	10.00	As Certified
24% Creamatine (4212)	26.00	24.00	5.56	4.50	7.52	10.00	As Certified
THE TOLEDO GRAIN & MILLING CO., Toledo, Ohio							
Armada Dairy Feed (3903)	18.50	16.00	4.52	4.00	9.39	12.00	Found in addition oatmeal mill by-product and brewers dried grains.
Camp's Red Ball Dairy Balancer 32%(3904)	33.00	32.00	3.96	4.50	6.82	10.00	As Certified
THE USIKO MILLING CO., Cincinnati, Ohio							
Clover Bloom Sweet 16% Feed (3698)	19.69	16.00	3.76	3.00	10.28	12.00	As Certified
Union Grains Dry Dairy Ration 24% (3696)	26.38	24.00	5.41	5.00	9.03	10.00	As Certified
Union Grains Sweet Dairy Ration 20%(3697)	23.56	20.00	4.70	4.00	8.93	10.00	As Certified
URBANA MILLS CO., Urbana, Ohio							
Urbana 20% Dairy Ration (3500)	21.25	20.00	4.06	3.50	8.84	12.00	As Certified
VITALITY MILLS INC., Chicago, Ill.							
Station Feed for Milk Feeding (3539)	15.00	12.50	5.43	4.50	5.48	6.00	As Certified
32% Dairy Feed for Mixing Purposes(3545)	34.69	32.00	4.73	4.00	6.74	10.00	As Certified
THE WADSWORTH FEED CO., Warren, Ohio							
Wadsworth's Special Dairy Feed (4245)	25.63	20.00	4.56	3.75	9.26	12.00	As Certified
WALDO BROTHERS, Wysox, Pa.							
Walbro Dairy Ration (4203)	25.44	21.00	4.49	4.00	7.67	9.00	As Certified
C. R. ZECKMAN, Pottsgrove, Pa.							
Zackman's 20% Milk Producer (4167)	23.44	20.00	4.51	5.15	7.63	8.13	Found in addition malt sprouts.
Average	23.54	-----	4.56	-----	8.87	-----	
<u>Proprietary Stock, Horse and Mule Feed</u>							
ALLIED MILLS, INC., Chicago, Ill.							
Amco Horse Feed (4217)	10.75	9.00	3.53	3.00	6.81	10.00	As Certified
Wayne Supreme Horse Feed (3837; 4053)	11.75	9.50	3.64	3.00	5.73	8.00	As Certified
R. S. ALTMAN, Irwin, Pa.							
Altman's Horse Feed (4115; 4156)	12.46	8.00	3.54	1.00	7.20	15.00	As Certified
Altman's Horse Feed (3493)	13.00	8.00	3.76	1.00	8.20	15.00	Rye not detected. Found in addition ground corn, corn gluten feed, wheat bran.
THE BEACON MILLING CO., INC., Ceyuga, N. Y.							
Beacon Special Horse Feed (3711)	13.56	10.50	3.27	3.00	6.02	6.00	As Certified
BLANK & GOTTSCHALL CO., INC., Sunbury, Pa.							
8 & O Stock Feed (4123)	16.06	11.00	4.27	4.00	11.15	11.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
BROWN & FASSETT, Tunkhannock, Pa. B & F Sugared Soree Feed (3810)	P. ct. 11.06	P. ct. 9.00	P. ct. 3.89	P. ct. 3.00	P. ct. 11.69	P. ct. 12.00	Ae Certified
J. T. CONNOR CO., New York, N. Y. Anthony Stock Feed (3525)	16.56	17.00	6.87	6.00	12.68	17.00	Ae Certified
COOPERATIVE G.L.F. MILLS, INC., Buffalo, N. Y. G.L.F. Horse Feed (4197) G.L.F. 12% Fitting Ration (3834)	13.25 13.75	9.00 12.00	4.22 4.41	3.50 4.00	6.43 4.90	9.00 7.00	Salt not detected. As Certified
DEAN & LEE, Horseheads, N. Y. Pioneer Fitting Ration (4207)	16.06	12.00	4.44	4.00	8.72	7.00	Ae Certified
DIETRICH & GAMBRILL INC., Frederick, Md. Fraderick Soree Feed (3873)	11.75	7.00	3.37	2.00	7.81	12.00	As Certified
JOHN W. ESHELMAN & SON, Lancaster, Pa. Eshelman Red Rose 85 Horse Feed (3507; 3880) Eshelman Red Rose Stock Feed (3661)	12.51 11.19	9.00 9.00	3.83 4.13	3.00 3.00	6.80 9.57	10.00 11.00	Ae Certified As Certified
FLORY MILLING CO., INC., Sanger, Pa. Flory Horse Feed (3762)	12.63	9.00	3.20	2.50	8.49	10.00	As Certified
THE HANLEY FEED MILLS, Mansfield, Ohio Portage All Grain Soree Feed (3839)	10.63	9.00	2.71	2.50	3.13	8.00	As Certified
THE BORNBY CO., New Brighton, Pa. Big Seller Alfalfa Horse Feed (3936)	13.19	8.50	3.17	4.00	8.39	11.00	Salt not detected.
KASCO MILLS INC., Toledo, Ohio Oc-Sak Horse Feed (4046)	12.38	9.00	4.13	2.25	9.01	12.00	As Certified
J. J. KENNEDY & SONS, Zelienople, Pa. Kennedy Stock Feed (3790)	16.75	-----	3.37	-----	8.93	-----	Ingredients identified: corn meal, cotton seed meal, wheat middlings, ground oats, oat feed (oat hulls, oat middlings, oat shorts), molasses, calcium carbonate, salt and barley.
GEORGE Q. MOON & CO., INC., Singhamton, N. Y. Moon's Stock Feed (4130) Old Timee Soree Feed (4135)	11.13 12.00	9.00 8.50	4.56 4.83	3.00 4.50	10.40 6.33	12.00 9.00	As Certified As Certified
PARK & POLLARD CO., Buffalo, N. Y. Manamar Complete Ration (3750; 3885) Manamar Complete Ration (3907) Yankee Horse Feed (3789)	18.72 18.38 12.98	16.00 16.00 10.00	5.49 5.15 3.98	3.50 3.50 3.50	6.11 5.84 6.76	6.00 6.00 9.00	As Certified Found in addition barley. As Certified
PRATT FOOD CO., Buffalo, N.Y. Prett's Steam Cooked Feed (3958) Pratt's Utility Soree Feed (3877)	10.44 10.25	8.50 7.50	4.77 2.96	4.00 2.00	10.53 11.22	10.00 11.00	As Certified As Certified
PURINA MILLS, St. Louis, Mo. Purina O'Molene Chow (3497)	12.75	10.00	4.03	3.20	7.29	9.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Quaker Green Cross Horse Feed (4016)	12.94	10.00	3.22	2.50	8.66	10.00	As Certified
H. ROCKWELL & SON, Canton, Pa. Rockwell's Fitting Ration (3535)	16.88	14.00	5.06	4.00	5.70	9.50	As Certified
JESSE C. STEWART, Pittsburgh, Pa. Iron City Brand Stock Feed (4007)	9.88	6.00	5.18	2.00	10.57	12.00	Found in addition charcoal and ground oats.
TIOGA-EMPIRE FEED MILLS INC., Waverly, N. Y. Navarfail Full Feed (3615)	19.81	17.00	4.83	4.00	5.22	7.00	As Certified
THE TOLEDO GRAIN & MILLING CO., Toledo, Ohio Camp's Invincible Alfalfa Feed (3908)	11.50	10.00	3.69	2.00	8.65	12.00	As Certified
THE UBIKO MILLING CO., Cincinnati, Ohio Ubiko Horse Feed (3699)	12.44	9.00	4.39	3.50	5.68	7.00	As Certified
VITALITY MILLS INC., Chicago, Ill. Advance Stock Feed (3544) Vitality 24% Maintenance Feed (3542)	9.56 24.44	7.00 24.00	3.39 4.02	2.00 3.50	10.81 9.21	12.00 12.00	Found in addition screenings. Found in addition small amount un- ground weed seeds.
WADSWORTH FEED CO., Warren, Ohio Superior Soree Feed (3593)	11.19	10.00	3.24	3.50	3.98	10.00	As Certified
F. S. WERTZ & SON, Reading, Pa. A-1 Soree Feed (3480)	8.97	6.00	2.31	2.00	11.15	11.00	Ae Certified
Average	13.39	-----	4.03	-----	7.84	-----	
<u>Proprietary Calf Meal</u>							
THE SEACON MILLING CO., Cayuga, N.Y. Beacon Calf Pellets (3720)	25.69	25.00	3.16	3.50	3.08	4.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BROWN & FASSETT, Tunkhannock, Pa. B & F Calf Meal (3799)	31.44	28.00	3.55	5.00	3.90	8.00	Found in addition corn gluten meal.
COOPERATIVE G.L.F. MILLS INC., Buffalo, N. Y. Calf Meal (3825)	22.63	19.00	4.13	4.00	2.94	3.50	As Certified
TIOGA-EMPIRE FEED MILLS INC., Waverly, N. Y. Tioga Calf Food (3821)	25.50	21.00	5.04	4.00	4.53	7.00	As Certified
Average	26.32	-----	3.97	-----	3.61	-----	
<u>Proprietary Swine Feed</u>							
ACME MILLING CO., Olean, N. Y. Acme Colden Swine Feed for Brood Sows and Growing Pigs (3643)	21.56	18.50	5.49	3.50	6.39	7.50	As Certified
ALLIED MILLS INC., Buffalo, N. Y. Weyne Pig Meal (3969)	20.06	18.00	5.14	3.50	4.61	7.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's Hog Feed (4109)	22.00	15.00	6.25	3.00	5.12	7.00	Found in addition beet pulp, bone meal and charcoel.
Altman's Hog Feed (4155)	20.56	15.00	5.80	3.00	5.19	7.00	Found in addition beet pulp.
THE BEACON MILLING CO., INC., Coyuga, N. Y. Beecon Hog Feed (3708)	21.69	18.00	5.52	5.00	6.45	7.00	As Certified
BLANK & COTTSHALL CO., INC., Sunbury, Pa. B & G Hog Feed (4125)	19.88	17.00	4.33	4.00	7.28	8.00	As Certified
BROWN & FASSETT, Tunkhannock, Pa. B & F Hog Ration with Organic Minerals (3808)	18.88	17.00	4.47	5.00	5.17	8.00	As Certified
J. A. CLARK, Waigh Scales, Pa. Clerk's Hog Meal (4175)	17.75	19.00	5.09	4.50	7.10	8.00	As Certified
COOPERATIVE C.L.F. MILLS INC., Buffalo, N. Y. O.L.F. Quality Hog Feed (3833; 4198)	16.44	14.00	5.23	3.50	4.32	6.00	As Certified
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Eshelman Red Rose Hog Meal (3664)	19.50	16.00	5.72	5.00	6.69	10.00	As Certified
Eshelman Red Rose Hog Meal (4181)	19.00	16.00	5.04	5.00	5.73	10.00	Found in addition ground buckwheat.
THE LARROWE MILLING CO., Detroit, Mich. Larro Pork Maker (3692)	26.06	25.00	5.35	5.00	8.23	10.00	Found in addition ground corn.
W. H. MANECK & CO., Mifflin, Pa. Junietta Hog Feed (4226)	18.06	16.50	4.35	4.00	5.64	7.20	As Certified
MITCHELL MILLING CO., Clearfield, Pa. Pig Ration (3440)	17.19	16.00	4.68	4.00	4.89	7.00	As Certified
THE RICHARDS MILLING CO., Cortland, Ohio Richard's Hog Meal (3396)	17.06	16.00	5.93	4.00	5.12	8.00	As Certified
WEST APOLLO MILLING CO., Apollo, Pa. Apollo's Best Pig Meal (3746)	19.94	18.00	4.36	4.00	4.48	8.00	As Certified
C. R. ZECKMAN, Pottsgrove, Pa. Zeckman's Pork Producer (4168)	17.31	18.00	4.14	5.00	4.24	4.00	Found in addition ground barley.
Average	19.41	-----	5.12	-----	5.61	-----	
<u>PROPRIETARY CHOP FEED</u>							
<u>Corn and Oats Chop</u>							
ACME MILLING CO., Olean, N. Y. Pure Corn and Oats Feed (3453; 3642)	11.91	9.00	4.13	4.00	5.49	7.00	As Certified
ALLIED MILLS INC., Chicago, Ill. Pure Corn and Oats Provender (3937; 4056)	11.65	9.00	3.88	3.50	5.15	10.00	As Certified
ANDRE & SON, Montrose, Pa. Corn and Oats Chop (3726)	11.69	-----	3.50	-----	5.12	-----	As Certified
ARCADY FARMS MILLING CO., Chicago, Ill. Pure Corn and Oats Chop (Coarse) (3415)	11.31	10.00	3.70	4.00	5.14	9.00	As Certified
Pure Corn and Oats Chop (Fines) (3416)	11.00	10.00	3.87	4.00	6.93	8.00	As Certified
C. R. BERGER, Trout Run, Pa. Corn and Oats Chop (3868)	10.88	9.00	4.04	3.25	5.11	7.00	As Certified
BROWN & FASSETT, Tunkhannock, Pa. Pure Corn and Oats Chop (3806)	11.94	10.00	3.77	3.00	4.77	8.00	As Certified
CITY FLOURING MILLS INC., Muncy, Pa. Corn and Oats (3976)	11.25	9.25	4.55	4.00	5.46	6.00	As Certified
J. A. CLARK, Waigh Scales, Pa. Corn and Oats Chop (4173)	12.94	10.00	4.02	4.00	7.03	9.00	As Certified
COOPERATIVE O.L.F. MILLS INC., Buffalo, N. Y. O.L.F. Quality Corn and Oats Ground 1/2 and 1/2 (3828)	12.66	10.00	4.13	4.00	4.26	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
THE ALBERT DICKINSON CO., Chicago, Ill. Dickinson's Ground Corn and Oats (3364)	P. ct. 12.88	P. ct. 10.00	P. ct. 4.95	P. ct. 4.00	P. ct. 6.25	P. ct. 10.00	As Certified
DIETRICH & GAMBRILL INC., Lewisburg, Pa. Corn and Oats Chop (3579)	12.75	10.00	4.02	4.00	5.80	9.00	Found in addition ground barley.
R. J. DUNBAM, Wellsboro, Pa. Tyoga Corn and Oats Chop (3660)	12.50	10.00	3.72	4.25	5.51	7.00	As Certified
FARMERS COOPERATIVE ASSOCIATION, Wysox, Pa. Corn and Oats Chop (4200)	11.13	10.00	4.02	3.95	5.23	4.74	As Certified
S. FOUGET & SON, Hughesville, Pa. Corn and Oats Chop (3631)	10.06	-----	3.54	-----	8.91	-----	As Certified
TBE HUBBARD MILLING CO., Ambridge, Pa. Hubbard's Sunebine Corn and Oats Chop (3918; 4024)	12.22	10.00	4.87	5.00	6.34	7.50	As Certified
KASCO MILLS INC., Waverly, N. Y. Corn and Oats Chop (3445)	11.75	9.50	4.09	3.50	5.70	7.00	As Certified
BERMAN KEEBLER, Montoursville, Pa. Pure Corn and Oats Chop (3618)	10.75	-----	3.79	-----	6.15	-----	As Certified
KEYSTONE MILLS, Hughesville, Pa. Pure Corn and Oats Chop (3635)	11.25	10.00	4.38	4.00	5.87	6.00	As Certified
LYCOMING MILLS, Williamsport, Pa. Corn and Oats Chop (3622)	11.06	9.00	4.03	4.00	5.32	7.00	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y. BB Corn and Oats, Half and Half Ground (4188)	13.00	10.00	6.52	3.00	6.34	7.00	As Certified
MIDLAND MILLING CO., Midland, Pa. Pure Corn and Oats Chop (3420)	12.56	10.00	4.02	4.00	4.34	6.00	As Certified
MITCHELL MILLING CO., Clearfield, Pa. Pure Corn and Oats Chop (3438)	11.56	9.00	3.89	3.00	3.85	8.00	As Certified
B. D. NEUFER, Hughesville, Pa. Corn and Oats Chop (3954)	10.44	-----	3.91	-----	3.55	-----	As Certified
E. C. OERT, Lincolnville, Pa. Corn and Oats Chop (3779)	12.81	10.00	3.78	4.00	4.32	6.00	As Certified
PHELPS & SINLEY CO., Cuba, N.Y. Pure Corn and Oats Chop (3823)	12.25	9.50	3.84	4.00	3.96	6.00	As Certified
PURINA MILLS, Buffalo, N. Y. Corn and Oat Provender (3477; 3742; 4028)	11.96	10.00	4.42	4.00	6.85	10.00	As Certified
JESSE C. STEWART, Pittsburgh, Pa. Red Letter Brand Corn and Oats Chop (4008)	11.75	9.00	4.27	3.75	4.04	6.00	As Certified
WALDO BROTHERS, Wysox, Pa. Walbro Corn and Oats Chop (4201)	11.44	10.00	4.20	4.00	5.10	8.00	As Certified
WELLSVILLE MILLING CO., Wellsville, Pa. Welmico Corn and Oats (4195)	11.19	8.00	4.41	3.00	5.93	10.00	As Certified
Average	11.78	-----	4.17	-----	5.67	-----	
<u>Chop Feed</u>							
R. S. ALTMAN, Irwin, Pa. Altman Chop (3492; 4111; 4157) Altman Special Chop (4006)	11.90 9.56	9.00 9.00	5.27 3.54	3.50 4.00	9.76 8.31	12.00 10.00	As Certified As Certified
THE HUCKEY CEREAL CO., Maesillon, Ohio Buckeye Equity Chop (3511) Buckeye Equity Chop (3939)	10.00 8.88	10.00 10.00	3.06 3.37	2.50 2.50	10.58 10.01	12.00 12.00	As Certified Found in addition small amount un- ground weed seeds.
S. FOUGHT & SON, Hughesville, Pa. Rye and Oats Chop (3630)	11.63	-----	2.97	-----	7.76	-----	Found in addition buckwheat.
THE HANLEY FEED MILLS, Manefield, Ohio Ohio Chop Feed (3840; 4149)	8.82	6.00	3.09	2.00	12.97	12.00	As Certified
THE HORNBY CO., New Brighton, Pa. Hornby's Chop Feed (3353; 4158)	10.04	9.00	4.35	4.00	11.21	11.00	As Certified
THE HUBBARD MILLING CO., Ambridge, Pa. Hubbard's Special Chop (3919)	13.94	12.00	4.29	4.50	9.39	11.00	As Certified
KASCO MILLS INC., Toledo, Ohio Apex Sugared Chop (4042)	11.56	10.00	4.04	3.00	9.89	12.00	As Certified
THE RICHARDS MILLING CO., Cortland, Ohio Richard's Special Chop (3504; 3600; 3607) Richard's Special Chop (3393)	10.10 10.81	8.00 8.00	3.58 4.26	3.00 3.00	10.19 8.57	12.00 12.00	As Certified Found in addition alfalfa meal.
J. S. RILEY & SONS, New Castle, Pa. Pioneer Chop (4105)	11.19	-----	4.05	-----	6.62	-----	Ingredients identifi- ed: Ground corn, ground oats, salt and ground oat hulls.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
WADSWORTH FEED CO., Warren, Ohio Wadsworth Special Chop (3592)	8.19	B.00	2.22	3.50	14.68	12.00	As Certified
Average	10.50	-----	3.85	-----	10.21	-----	
<u>PROPRIETARY POULTRY SCRATCH AND</u>							
<u>MASR FEED</u>							
<u>Scratch Feed</u>							
ACME MILLING CO., Olean, N. Y. Acme Golden Grains for Laying Hens (3452)	11.25	9.60	2.56	3.00	2.41	4.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman Scratch Feed (3490)	10.56	9.00	3.13	2.00	1.87	3.00	As Certified
ANDERSON GRAIN & FEED CO., INC., York, Pa. White Rose Scratch Feed (3454)	10.56	9.00	3.13	2.50	2.46	5.00	As Certified
GEORGE M. ANTHONY, Strausstown, Pa. Anthony's Quality Scratch Feed (36B4)	11.44	10.00	3.00	3.00	2.97	4.00	As Certified
THE BEACON MILLING CO., Cayuga, N.Y. Beacon's Cayuga Developer Feed (3619) Beacon's Special Scratch Grains (3703)	13.56 11.88	10.00 10.00	3.43 2.41	2.50 2.00	1.86 2.65	3.00 3.50	As Certified As Certified
BLANK & GOTTSBALL CO., INC., Sunbury, Pa. Penn Special A Scratch Feed (4120)	12.69	10.00	2.58	3.50	2.63	4.00	As Certified
COOPERATIVE G.L.F. MILLS INC., Buffalo, N. Y. Intermediate Scratch (3826)	12.31	10.00	4.59	2.50	2.37	8.00	Found in addition ground oats.
G.L.F. Quality Super Coaree Scratch (3732; 3827)	11.66	10.00	2.91	2.50	2.09	3.00	As Certified
DIETRICH & GAMBRILL INC., Frederick, Md. Gambrill's Developing Scratch (4071) Gambrill's Scratch Feed (4160)	11.38 11.75	10.00 10.00	3.74 2.81	2.50 2.50	1.99 2.40	3.00 4.00	As Certified As Certified
R. J. DUNHAM, Wellsboro, Pa. Tioga Mixed Grains (3863)	12.00	10.00	3.03	3.50	2.98	5.00	As Certified
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Eshelman Lancaster Pigeon Feed (3666) Eshelman Lancaster Scratch Grain (3486; 3505) Eshelman Lancaster Scratch Grain (4055)	16.38 10.38 11.25	12.00 9.00 9.00	3.38 2.92 3.74	3.00 2.50 2.50	3.62 2.20 2.58	4.00 4.00 4.00	As Certified As Certified Sunflower seed not detected.
Eshelman Red Rose Chick Grains (3665) Eshelman Red Rose Intermediate Chick Grains (3650)	13.06 12.13	10.00 10.00	4.43 3.37	3.00 3.00	1.94 1.80	3.00 3.00	As Certified As Certified
FLORY MILLING CO., INC., Bangor, Pa. Flory Scratch Feed (3761)	11.88	9.00	2.72	2.50	2.06	4.00	As Certified
GIBBLE & EBLING, Bethel, Pa. Gibble & Ebling's Mixed Grains for Poultry (4065)	11.31	10.00	3.44	2.50	2.94	4.00	As Certified
HALES & HUNTER CO., Chicago, Ill. Morning Glory Scratch Feed (363B)	11.31	10.00	3.06	2.50	4.66	5.00	As Certified
THE HANLEY MILLING CO., Mansfield, Ohio Ohio Scratch Feed No Grit (3844)	10.56	9.00	3.13	2.50	3.59	5.00	Milo maize not detected.
HARPER GRAIN CO., Pittsburgh, Pa. Radio Scratch Grains (3509)	9.75	9.00	3.60	2.50	2.13	5.00	As Certified
KASCO GRAIN MILLS INC., Waverly, N.Y. Apex Scratch Grains (4022)	11.06	9.00	2.59	2.50	2.23	4.00	As Certified
THE LARROWE MILLING CO., Detroit, Mich. Larro Scratch Grains (3690)	11.75	10.00	3.05	2.00	1.97	4.00	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y. BB Bull Brand Scratch Feed (4186)	11.06	10.00	2.69	2.50	2.35	4.00	As Certified
MAUSER MILL CO., Allentown, Pa. First Prize Scratch Feed (366B)	10.50	9.00	3.11	2.00	3.02	4.00	As Certified
NOWAK MILLING CORPORATION, Hammond, Ind. Export Scratch Feed (3455)	10.44	9.00	2.60	2.00	2.24	5.00	As Certified
PARK & POLLARD CO., Buffalo, N. Y. Chick Scratch (3751) Intermediate Chick Feed (3752)	13.31 11.69	10.00 10.00	3.24 2.74	3.00 3.00	1.78 2.26	3.00 3.50	As Certified Hulled oats not detected.
PHELPS & SIBLEY CO., Cuba, N. Y. Phelps & Sibley Co. Scratch Grains (3812) Big Egg Favorite Mixed Grains (3856)	12.50 12.06	B.00 9.00	2.68 2.93	2.00 2.50	3.06 4.43	5.00 5.00	As Certified As Certified
PURINA MILLS, St. Louis, Mo. Protena Scratch Feed (Buffalo Mill) (3472; 3741) Purina Chick Chow Feed (Fine) (3473)	11.00 12.56	9.50 10.00	2.64 2.43	2.00 2.00	2.48 2.22	4.00 4.00	As Certified As Certified
QUAKER OATS CO., Chicago, Ill. Early Bird Fine Chick Feed (No Grit) (3496)	11.63	10.00	2.99	2.00	1.62	2.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
THE RICHARDS MILLING CO., Cortland, Ohio Cortland Scratch Greins (3394)	P. ct. 10.31	P. ct. 9.00	P. ct. 2.62	P. ct. 2.50	P. ct. 2.28	P. ct. 6.00	Found in addition barley.
Richard's Thrift Baby Chick Feed (3560; 3601)	12.38	9.00	3.49	2.50	1.86	6.00	As Certified
Richard's Thrift Baby Chick Feed (3395)	11.88	9.00	4.27	2.50	2.01	6.00	Found in addition chess.
TIOGA-EMPIRE FEED MILLS, INC., Waverly, N. Y.							
Tioga Neverfail Growing Grains (3764; 4140)	12.57	10.00	3.52	2.50	1.82	4.00	As Certified
Tioga Neverfail Poultry Grain (3765)	11.06	9.00	3.06	2.00	3.07	4.50	As Certified
VITALITY MILLS INC., Chicago, Ill.							
Advance Scratch Feed (3540)	10.56	10.00	3.39	2.00	2.41	6.00	As Certified
Sunflower Fine Chick Feed No Orit (3502; 3541)	11.60	10.00	3.48	2.50	1.86	5.00	As Certified
WASHEURN-CROSBY CO., Minneapolis, Minn. Eventually Gold Medal Developing Feed (No Grit) (3876)	11.38	10.00	3.25	2.50	2.35	5.00	As Certified
C. P. WENGER, Ephrate, Pa. Wenger's Hen Scratch (3648)	11.63	10.00	3.18	2.00	2.66	3.00	As Certified
WEST APOLLO MILLING CO., Apollo, Pa. Apollo's Best Scratch Feed (3747)	10.81	9.00	3.08	2.50	2.23	4.00	As Certified
Average	11.65	-----	3.14	-----	2.41	-----	
<u>Mash Feed</u>							
ACME MILLING CO., Olean, N. Y.							
Acme Golden Mash for Growing Chicks (3451)	22.50	19.00	6.05	3.50	5.00	6.00	As Certified
Acme Mash for Laying Hens with Buttermilk (3450; 3645)	19.44	18.00	5.27	3.50	4.64	6.00	As Certified
ALLIED MILLS INC., Chicago, Ill.							
Amco Super Egg Mash with Sardine Oil (4218)	18.09	18.50	5.22	4.00	5.77	7.00	As Certified
Empire Egg Mash (3406; 3966; 4054)	18.38	16.50	5.30	3.50	5.30	7.00	As Certified
Wayne Egg Mash (3446; 3967)	19.85	18.00	5.39	3.50	5.34	7.00	As Certified
Wayne Local Mix Mash (3546)	19.56	18.00	4.53	3.50	6.13	7.00	As Certified
Wayne Mash Concentrate (3968)	35.31	32.00	5.43	4.00	7.49	8.00	As Certified
R. S. ALTMAN, Irwin, Pa.							
Altman's Buttermilk Starting (4115)	19.13	17.00	5.18	4.00	4.03	7.00	As Certified
Altman's Egg Mash (4153)	20.25	20.00	4.68	4.00	5.74	7.00	As Certified
Altman's Growing Mash (4005; 4108)	18.57	17.00	4.68	4.00	5.75	8.00	As Certified
Altman's Quality Egg Mash (4106)	21.69	20.00	4.79	4.00	5.67	7.00	As Certified
Altman's Super Yeast Mash (4114; 4154)	20.50	18.00	4.61	4.00	6.49	8.00	As Certified
Irwin Egg Mash (4004; 4107)	21.22	18.00	5.48	4.00	7.56	8.00	Soybean oil meal not detected.
GEORGE W. ANTHONY, Strausstown, Pa.							
Anthony's Chick Starter with Buttermilk and Cod Liver Oil (3685)	18.06	17.00	5.32	4.00	4.48	6.00	As Certified
Anthony's Economy Laying Mash without Cod Liver Oil (3681)	22.13	19.00	5.41	4.00	4.99	7.50	As Certified
Anthony's Perfectly Balanced Growing Mash (3682)	16.63	15.00	4.78	4.00	5.46	7.00	As Certified
Anthony's Perfectly Balanced Laying Mash (3680)	22.94	20.00	5.48	4.50	5.04	7.00	As Certified
ARCADY FARMS MILLING CO., Chicago, Ill.							
R.K.D. Seabot Growing Mash (4017)	16.75	16.00	4.66	4.00	5.78	7.50	As Certified
R. A. BATES & SON, Knoxville, Pa. Oak Leaf Egg Mash (4193)	20.94	18.00	6.67	4.00	5.77	8.00	As Certified
THE SEACON MILLING CO., INC., Cayuga, N. Y.							
Seacon Broiler Feed (3707)	19.56	17.00	4.96	4.00	4.38	6.00	Soybean meal not detected.
Seacon Cayuga Growing Mash (3715)	18.44	16.00	5.24	4.00	5.30	7.00	As Certified
Seacon Cayuga Laying Mash with Buttermilk (3702)	22.31	20.00	5.09	4.00	4.82	7.00	As Certified
Seacon Complete Starting Ration (3705)	18.13	17.50	4.98	4.00	4.46	6.00	As Certified
Seacon Duck Starting Pellets (3718)	19.19	17.00	5.13	4.50	5.24	6.00	As Certified
Seacon Egg Mash with Buttermilk (3721)	22.44	22.00	5.31	4.50	5.92	7.00	As Certified
Seacon Fleshing Mash (3719)	22.88	18.00	2.46	1.00	2.95	5.00	As Certified
Seacon Growing Mash (3723)	18.69	17.00	4.70	4.00	5.08	7.00	As Certified
Seacon Turkey Growing Feed (3722)	20.94	20.00	5.12	4.00	5.17	7.00	As Certified
Seacon Turkey Starter (3712)	23.44	22.00	5.30	4.00	5.13	6.00	As Certified
C. R. BERGER, Trout Run, Pa.							
Berger's Starter and Growing Mash (3870)	17.56	16.00	4.10	4.00	3.34	6.00	As Certified
SIG RUN MILLING CO., Sig Run, Pa.							
Sig Run Laying Mash (3649)	21.88	18.00	5.24	5.50	6.23	7.00	As Certified
BLACK ROCK MILLING CO., Buffalo, N.Y.							
Bidwell's Dry Mash (3884)	21.13	18.00	5.09	3.00	5.38	8.00	As Certified
BLANK & GOTTSBALL CO., INC., Sunbury, Pa.							
S & G Baby Chick Starter and Grower Mash (3637)	17.81	16.00	5.87	4.00	5.82	6.50	As Certified
S & G Laying Mash (4122)	20.13	18.00	5.71	5.00	7.06	6.50	Found in addition charcoal.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BROAD AXE HATCHERY, Broad Axe, Pa. Laying Mash (3946)	17.63	-----	5.11	-----	4.28	-----	Ingredients identified: Corn meal, ground alfalfa leaf meal, ground oats or oat meal, wheat middlings or shorts, dried skim or buttermilk, calcium carbonate, charcoal, sodium chloride, meat scraps, bone meal, grit, bran.
BROWN & PASSETT, Tunkhannock, Pa. S & F Chick Starting Mash (3800)	15.25	12.50	5.05	4.00	3.81	4.00	As Certified
S & F Favorite Dry Mash (3801)	20.13	18.00	5.00	5.00	6.48	9.00	As Certified
B & F Growing Mash (3803)	18.44	16.00	5.73	4.50	4.56	6.50	As Certified
CITY FLOURING MILLS INC., Muncy, Pa. Muncy Laying Mash (3975)	19.44	19.00	5.21	5.00	5.17	7.00	As Certified
Muncy Starting and Growing Mash (3974)	18.13	17.00	4.72	5.00	4.63	7.00	As Certified
J. A. CLARK, Weigh Scales, Pa. Clark's Growing Mash with Cod Liver Oil (4176)	19.56	19.00	5.53	4.50	5.90	7.00	As Certified
Clerk's Laying Mash with Cod Liver Oil (4174)	20.88	20.00	5.53	4.50	6.14	7.50	As Certified
COOPERATIVE C.L.F. MILLS INC., Buffalo, N. Y. C.L.F. Laying Mash (3441)	20.00	20.00	5.33	4.00	5.36	7.00	As Certified
C.L.F. Quality Starting and Growing Mash (3635)	18.81	17.50	4.87	4.00	4.44	6.00	As Certified
DAYTON MILLING CO., Towards, Pa. Dayton's Ideal Laying Mash (4205)	20.94	18.00	4.44	3.00	5.04	8.00	As Certified
DEAN & LEE, Horseheads, N. Y. Utility All Mash (4206)	19.31	16.00	5.07	3.00	5.69	8.00	As Certified
THE ALBERT DICKINSON CO., Chicago, Ill. Dickinson's Globe Egg Producer (3613)	21.06	18.00	5.78	3.50	5.70	7.00	As Certified
DIETRICH & CAMBRILL INC., Lewisburg, Pa. All Mash Starter and Grower (3580)	17.75	14.00	5.09	4.00	3.37	4.00	As Certified
D & C Broiler Mash (4161)	21.06	16.00	5.03	4.00	5.60	6.00	As Certified
Cambrill's Laying Mash (4163)	23.56	20.00	5.24	5.00	6.01	7.00	As Certified
EASTERN STATES FARMERS EXCHANGE, Springfield, Mass. Eastern States Developer Mash (3964)	19.56	18.50	5.26	4.00	5.70	6.50	As Certified
Eastern States Producer Mash (3882)	19.31	17.00	5.67	4.00	5.51	6.50	As Certified
Eastern States Starting and Broiler Ration (3963)	19.38	18.50	5.10	4.00	4.29	5.00	As Certified
JOHN W. ESHELMAN & SON, Lancaster, Pa. Eshelman Red Rose All Mash Starter (3503; 3656)	19.10	16.00	5.44	4.00	5.14	6.50	As Certified
Eshelman Red Rose Chick Starter (3652)	17.51	15.00	4.45	4.00	4.77	6.00	As Certified
Eshelman Red Rose Fattening Mash (3663; 4180)	16.60	16.00	5.37	4.00	3.20	5.00	As Certified
Eshelman Red Rose Growing Mash with Cod Liver Oil (3653)	19.25	16.00	6.01	4.00	6.15	7.00	As Certified
Eshelman Red Rose Growing Mash with Cod Liver Oil (4083)	18.06	16.00	5.96	4.00	5.25	7.00	Found in addition small amount un-ground weed seeds. As Certified
Eshelman Red Rose Laying Mash (3528; 3651)	21.69	20.00	6.21	5.00	5.94	7.00	As Certified
Eshelman Red Rose Laying Mash with Cod Liver Oil (4177)	21.94	20.00	6.59	5.00	6.38	7.00	As Certified
Eshelman Red Rose Turkey Mash (3887)	18.88	18.00	5.77	4.50	5.93	7.00	As Certified
Pennsy Laying Mash (3527)	19.94	18.00	5.39	5.00	6.49	8.00	As Certified
FLORY MILLING CO., Sanger, Pa. FMC Beef Scrap Laying Mash Open Formulas #2 (3759)	20.44	20.00	5.91	4.50	7.30	7.00	As Certified
Colden Egg Laying Mash (3760)	21.44	20.00	5.72	4.00	6.42	7.00	Found in addition coconut oil meal, buckwheat middlings, and whole oats.
S. FOUCHT & SON, Hughesville, Pa. Fought's Pennsylvania State Laying Mash (3632)	21.00	18.00	5.02	3.75	6.53	10.00	Found in addition ground cockle.
GIBBLE & ERLING, Bethel, Pa. Chick Starter (4064)	18.13	17.50	4.69	4.00	4.52	6.00	St. John's Breed not detected. Found in addition ground barley.
Pettingen Mash (4063)	15.00	14.00	4.44	4.50	2.74	5.00	As Certified
Growing Mash (4060)	17.98	16.50	4.73	4.00	5.88	6.50	Found in addition small amount grain screenings.
O.K. Laying Mash (4061)	20.31	20.00	5.01	5.00	4.77	6.50	Found in addition ground barley.
Winner Egg Mash (4062)	19.25	18.00	4.21	5.00	5.42	7.00	Found in addition ground barley.
HALES & HUNTER CO., Chicago, Ill. Morning Glory Egg Mash with Dried Butter-milk (3640)	24.69	20.00	6.87	4.00	5.29	8.00	Soybean meal not detected.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
HARPER GRAIN CO., Pittsburgh, Pa. Chicken Dinner Laying Mash (3510;3916) Radio Laying Mash (3508) Radio Laying Mash (3911)	P. ct. 20.41 20.38 21.94	P. ct. 19.00 20.00 20.00	P. ct. 5.20 6.13 5.56	P. ct. 4.00 4.00 4.00	P. ct. 5.53 5.54 6.18	P. ct. 7.00 8.00 8.00	As Certified As Certified Salt not detected.
HEPLER, MC NAUGHTON MILLING CO., New Alexandria, Pa. New Alex Chick Starter (3389)	18.56	17.00	5.78	4.50	5.94	6.50	Found in addition corn gluten feed.
New Alex Egg Mash (3387) New Alex Growing Mash (3386) Special Egg Mash (3388)	22.31 18.13 20.81	20.00 16.00 18.00	5.74 5.44 5.38	5.00 4.00 4.75	6.13 5.09 4.61	7.00 6.50 7.00	As Certified As Certified As Certified
JUNIATA ROLLER MILLS, Thompsettown, Pa. Burn's Quality Growing Mash (4231) Burn's Quality Laying Mash (4230)	17.25 17.56	16.00 16.50	4.82 4.16	4.00 4.00	3.91 4.51	5.00 6.50	As Certified As Certified
KASCO MILLS INC., Waverly, N. Y. Apex Laying Mash (3444) Kasco All Mash Laying Food (4183)	21.19 16.94	20.00 15.00	5.67 4.66	4.00 4.00	4.98 4.09	8.50 6.00	As Certified As Certified
J. S. KELLEY, Washingtonville, Pa. Kelley Laying Mash with Kel-Sea-Cal (4095)	17.75	20.00	4.93	4.00	5.52	8.00	As Certified
F. S. KERN, Catawissa, Pa. Kernie's Growing Mash with Cod Liver Oil (4091)	18.00	18.00	4.96	4.50	5.08	6.50	As Certified
S. C. KREIBEL, West Point, Pa. West Point Hen Mash (3948)	21.44	21.00	4.68	4.00	5.19	8.00	As Certified
LAKE SIDE MILL, Springboro, Pa. Money Saver Laying Mash (3373)	22.25	21.00	5.19	5.00	8.47	8.41	As Certified
THE LARROWE MILLING CO., Detroit, Mich. Larro Broiler Feed (3479) Larro Chick Starter (3691) Larro Egg Mash (3687) Larro Growing Mash (3689)	17.94 17.88 21.81 18.00	15.50 16.50 19.00 16.00	4.52 4.99 5.29 5.04	4.00 4.50 4.00 4.00	4.22 4.40 6.49 6.03	6.00 5.50 7.50 7.50	As Certified As Certified As Certified As Certified
LEWIS-STEEL FEED CO., Indiana, Pa. Chicken Luck Egg Mash (3603)	20.50	18.00	5.85	4.00	7.08	8.00	As Certified
LYCOMING MILLS, Williamsport, Pa. Growing Mash (3625) Laying Mash (3623)	18.88 22.33	18.00 17.00	4.79 5.17	4.00 4.50	5.97 5.99	6.00 8.00	As Certified As Certified
W. H. MANBECK & CO., Mifflin, Pa. Juniata Laying Mash (4225)	21.88	19.50	5.48	4.40	5.34	7.30	As Certified
MARITIME MILLING CO., INC., Buffalo, N.Y. 88 Daisy All Mash Starter and Growing Feed (3960) 88 Daisy Egg Mash (4189) 88 Growing Ration (4187) Dollar & Maker Egg Mash (3961; 4190)	20.38 19.38 16.94 18.94	17.00 18.00 15.00 17.00	5.72 4.23 6.49 5.81	4.00 3.50 4.00 3.50	5.33 6.52 6.35 7.03	7.00 7.00 7.00 9.00	As Certified As Certified As Certified As Certified
R. C. MEEK ESTATE, Allenwood, Pa. Meek's High Grade Chick Mash (3864) Meek's High Grade Laying Mash (3865)	20.13 22.06	15.00 18.00	4.66 5.77	3.50 4.50	4.68 7.99	6.00 10.00	As Certified As Certified
MIFFLINBURG FARMERS EXCHANGE, Mifflinburg, Pa. Farmers' Exchange Egg Mash (4077)	17.56	18.00	4.25	4.00	5.85	8.00	As Certified
GEORGE Q. MOON CO., INC., Singhanton, N. Y. Moon's Growing Mash (4131) Moon's Laying Mash with Dried Buttermilk (4129)	18.06 19.63	17.00 20.00	4.70 4.95	4.00 4.00	4.73 5.33	7.00 9.00	As Certified As Certified
MOYER & SON, Souderton, Pa. Home Growing Feed (3886)	20.69	19.00	4.62	4.50	6.06	8.00	As Certified
H. D. NEUFER, Hughesville, Pa. Egg Mash (3957)	17.88	-----	5.13	-----	3.39	-----	Ingredients identified: Wheat bran, wheat middlings, ground oats, corn meal, meat and bone meal, salt, small amount ground cockle.
Starter and Grower Mash (3955)	14.19	-----	3.87	-----	2.82	-----	Ingredients identified: Fine ground oats, wheat bran, wheat middlings, corn meal, dried buttermilk, meat and bone meal, oyster shell meal, salt, small amount ground cockle.
PARK & POLLARD CO., Buffalo, N.Y. Growing Feed (3753) Lay or Bust Dry Mash (3754)	16.44 18.63	14.00 18.00	4.21 4.40	3.00 3.00	4.51 4.94	7.00 7.00	As Certified As Certified
PHELPS & SIBLEY CO., Cuba, N. Y. 81g Egg Favorite Poultry Mash (3813) 81g Egg Laying Mash with Cod Liver Oil (3857) Pasco Starting and Growing Mash with Buttermilk (3814)	23.06 22.56 20.88	20.00 20.00 18.00	5.49 5.93 5.89	4.50 4.50 4.00	6.84 6.65 4.82	7.50 7.50 7.50	As Certified As Certified As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
PURINA MILLS, St. Louis, Mo. Purina Chick Growena (Complete All Mash) (4026; 4223)	16.69	15.00	4.91	3.50	5.98	7.00	As Certified
Purina Chick Growena (Complete All Mash) (3740)	16.94	15.00	4.89	3.50	6.07	7.00	Found in addition ground oats.
Purina Chick Startena (Complete All Mash) (3474; 3738)	21.41	18.00	5.51	4.00	4.94	7.00	As Certified
Purina Chick Startena (Complete All Mash) (3581)	20.94	18.00	5.59	4.00	5.08	7.00	Found in addition beet pulp. As Certified
Purina Egg Chowder (3736; 3878; 4222)	21.71	19.00	5.28	3.50	7.09	8.00	As Certified
Purina Growing Chow with Cod Liver Oil (3627)	19.06	17.00	5.03	3.50	6.07	7.00	As Certified
Purina Lay Chow (3475; 3739)	20.85	19.00	4.51	3.50	6.23	8.00	As Certified
Purina Layena (Complete All Mash)(3476; 3735)	17.44	15.50	4.98	3.50	4.97	8.00	As Certified
QUAKER OATS CO., Chicago, Ill. Quaker Pul-O-Pep Chick Starter (3549; 3628)	17.97	17.00	6.14	5.00	4.98	7.00	As Certified
Quaker Pul-O-Pep Egg Mash (3612; 3629; 4021)	20.96	20.00	6.67	4.50	5.32	8.00	As Certified
Quaker Pul-O-Pep Egg Mash (3554)	22.00	20.00	6.80	4.50	5.94	8.00	Found in addition ground screenings. As Certified
Quaker Pul-O-Pep Growing Mash (4013)	20.06	19.00	6.77	5.00	4.96	6.00	As Certified
THE RICHARDS MILLING CO., Cortland, O. Richard's Cash Laying Mash (3397)	21.00	20.00	5.06	3.00	5.86	6.90	Soybean meal not detected. Found in addition barley. Soybean meal not detected.
Richard's Cash Laying Mash (3495)	20.31	20.00	4.82	3.00	5.32	6.90	As Certified
Richard's Growing Mash (3604)	18.94	18.00	4.16	3.00	3.30	6.00	As Certified
Richard's Starting Mash (3605)	18.13	18.00	3.74	3.00	3.12	6.90	As Certified
H. ROCKWELL & SON, Canton, Pa. Hen-O-La Dry Mash with Cod Liver Oil (3530)	22.00	20.00	6.99	5.50	6.29	9.00	As Certified
Ideal Chick Starter and Grower (3531)	21.13	17.00	6.72	4.00	3.81	6.00	As Certified
Rockwell's Milk Mash (3533)	21.13	19.00	5.80	4.25	5.66	7.00	As Certified
Rockwell's Starting and Growing Mash (3532)	17.69	15.00	5.78	4.50	5.00	7.00	As Certified
J. B. ROUX, Farrell, Pa. Roux Economy Egg Mash (4050)	20.06	20.00	5.47	4.00	5.65	8.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa. Red Letter Brand Egg Mash (3888)	20.44	20.00	5.67	4.50	6.82	7.00	As Certified
ALBERT J. THOMPSON, Wyncombe, Pa. Xcalmix Egg Mash (3671; 3673; 3672)	22.17	19.00	4.76	3.60	5.57	7.00	As Certified
Xcalmix Starting Growing Chick Mash (3674)	20.75	16.00	5.36	3.50	4.12	6.00	As Certified
E. S. THOMAS, Holsapple, Pa. Thomas Egg Maker Laying Mash (3456)	17.00	18.00	5.26	4.50	6.61	7.00	As Certified
Thomas Sur-Lay Mash (3457)	17.81	18.00	4.97	4.50	6.30	7.00	As Certified
TIOGA-EMPIRE FEED MILLS INC., Waverly, N. Y. Chicotine (4142)	21.00	18.00	4.78	4.00	5.43	6.50	As Certified
Chicotine with Cod Liver Oil (3617; 3766)	21.69	18.00	5.23	4.30	6.20	6.50	As Certified
Egatina with Cod Liver Oil (3442)	24.19	23.00	5.01	4.00	5.30	6.50	As Certified
Tasty Laying Mash with Cod Liver Oil (3616)	22.75	20.00	5.79	4.30	5.07	6.50	As Certified
Tioga Conditioning Mash (3614)	17.44	15.00	4.71	4.00	3.99	6.00	As Certified
Tioga Laying Food (4139)	20.81	18.00	4.97	4.00	5.39	6.50	As Certified
THE UBIKO MILLING CO., Cincinnati, Ohio Sunbeam Laying Mash (3944)	22.00	18.00	5.16	3.50	6.36	8.00	As Certified
VITALITY MILLS INC., Chicago, Ill. C-Er-Pay Laying Mash (3538)	20.13	18.00	4.66	3.50	4.86	8.00	As Certified
Vitality Egg Builder Mash (3499)	19.88	18.00	4.76	4.50	5.22	7.50	Peanut oil meal not detected.
WALDO BROTHERS, Wysox, Pa. Walbro Laying Mash (4202)	24.50	20.00	5.95	5.50	5.96	8.00	As Certified
C. P. WENGER, Ephrata, Pa. Growing Mash with Buttermilk and Meat Meal (3850)	17.94	15.00	5.60	4.00	6.45	5.25	Found in addition ground barley.
Laying Mash with Buttermilk and Meat Meal (3849)	22.13	18.50	6.32	5.00	5.54	4.94	Linseed oil meal not detected. Found in addition barley.
F. S. WERTZ & SON, Reading, Pa. Reading Egg Mash (3484)	20.94	18.00	5.65	4.00	6.83	8.00	As Certified
WEST APOLLO MILLING CO., Apollo, Pa. Apollo's Best Chick Starter (3745)	18.38	17.00	6.09	4.00	4.84	6.00	As Certified
Apollo's Best Egg Mash (3743)	20.44	20.00	5.96	5.00	5.69	7.00	Found in addition bone.
Apollo's Best Growing Mash (3744)	18.75	17.00	6.06	4.50	5.88	7.00	As Certified
Average	19.93	-----	5.27	-----	5.48	-----	
<u>PROPRIETARY SMALL ANIMAL FEEDS</u>							
ALLIED MILLS INC., Chicago, Ill. Wayne Dog Food (3494; 3850)	32.44	30.00	6.18	4.00	2.86	4.00	As Certified
ANIMAL FOODS CO., San Jose, California Vigoral Dog Food (3942)	6.46	-----	1.73	-----	0.69	----	Ingredients identified: Fresh meat, cracked pottad barley, bone meal, carrots, wheat bran and charcoal.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
BAR-NONE SALES CO., San Jose, California Bar-None Food for Dogs and Cats (3573)	P. ct. 6.35	P. ct. 6.00	P. ct. 1.79	P. ct. 1.20	P. ct. 0.75	P. ct. 0.58	As Certified
THE BEACON MILLING CO., INC., Cayuga, N. Y. Beacon Dog Pellets (3382; 3704)	25.47	-----	4.56	-----	2.89	----	As Certified
CALIFORNIA ANIMAL PRODUCTS CO., Oakland, California Calo Dog Food (3577) Calo Dog Food (3375)	8.08 8.09	----- -----	2.14 3.68	----- -----	0.32 0.43	----- -----	As Certified Ingredients identified: Fresh meat, barley, carrots, bone meal, cod liver oil, salt, charcoal.
Calo Dog Food (3980)	7.37	-----	1.83	-----	0.67	----	Ingredients identified: Fresh meat, barley, carrots, bone meal, cod liver oil, salt, charcoal, fish meal.
S. HOMER CANN, West Chester, Pa. Bannock Body Builder (3951)	26.88	24.00	5.09	3.50	3.63	4.50	Found in addition salt.
CHAMPION ANIMAL FOOD CO., Minneapolis, Minn. Champion 32 Dog Food (3994; 4242)	10.01	-----	3.80	-----	0.22	----	Ingredients identified: Meat by-product, meat, rice, wheat, ground bone, carrots, salmon, cod liver oil.
CHAPPEL BROTHERS INC., Rockford, Ill. Ken-L-Biskit Dog Food (3376)	24.75	20.00	2.73	2.00	2.05	2.00	Whole cereals identified as corn and legums.
Ken-L-Ration (3578) Ken-L-Ration (3380)	11.57 11.49	10.00 -----	2.95 2.30	2.00 ----	0.61 0.80	2.00 ----	As Certified Ingredients identified: Meat, wheat, cereal and cod liver oil.
Kan-L-Ration (3979)	12.67	10.00	3.65	2.00	0.74	2.00	Rolled oats and rice not detected. Found in addition ground corn.
Kit-E-Ration (3978)	12.31	10.00	2.34	2.00	0.85	2.00	Rolled oats and rice not detected. Found in addition corn.
Maro Meat (3670)	20.76	10.00	4.23	2.00	0.40	2.00	As Certified
CONSOLIDATED BY-PRODUCTS CO., Philadelphia, Pa. Marco Dog and Cat Food (3378; 3589; 3982)	11.01	10.50	2.26	3.00	0.64	1.00	As Certified
DOYLE PACKING CO., Los Angeles, Cal. Doyle's Supreme Dog Food (3977)	7.31	-----	2.10	-----	0.57	----	Ingredients identified: Meat by-products, cereal and vegetables.
Roxay Dog and Cat Food (4240) Strong Heart Dog and Cat Food (3676)	6.31 4.70	7.72 -----	1.40 1.95	5.14 -----	0.56 0.62	0.50 ----	As Certified As Certified
EMPIRE BEEF & PROVISION CO., Chicago, Ill. Ideal Dog Food (4235; 4249)	11.35	10.00	5.62	2.00	0.26	1.00	As Certified
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Eshelman Red Rose Rabbit Feed (3519; 3654) Eshelman Red Rose Rabbit Feed-Pelleted (3520; 3655)	14.19 16.16	14.00 14.00	3.67 4.65	3.50 3.50	8.51 5.82	9.50 9.50	As Certified As Certified
THE FOSTER CANNING CO., INC., Brooklyn, N. Y. Dr. Olding Brand Pet Ration (3518; 3583; 3986) Lucky Dog Food (3582)	9.77 8.69	9.00 -----	6.14 5.50	3.00 ----	0.31 0.25	0.50 ----	As Certified Ingredients identified: Beef, meat by-products, meat broth, barley, soya flour, wheat, charcoal, salt and cod liver oil.
GAINES FOOD CO., Sherborne, N. Y. Gaines Krunchon (3523) Gaines Meat and Milk Meal-Cooked (3949)	24.63 26.69	23.00 23.00	4.46 4.91	3.00 3.00	1.93 2.86	4.00 4.00	As Certified Soybean meal not detected.
HALES & HUNTER CO., Chicago, Ill. Lucky Dog Ration (3521) Victorie Rabbit Feed (3522)	23.81 14.81	20.00 12.00	4.43 2.72	5.00 2.00	2.26 12.01	5.00 20.00	As Certified As Certified
A. DALE HILL, Vandergrift, Pa. Best of All Dog Ration (3749)	23.13	22.00	6.10	8.00	3.77	3.00	As Certified
JUDGE & DOLPH, Chicago, Ill. J.D. Certified Brand Dog Food (3572)	16.06	-----	10.97	-----	0.51	----	As Certified
THE KENNEL FOOD SUPPLY CO., Fairfield, Conn. K-F-S Cannad Food (3384; 3669)	12.12	7.50	5.46	5.60	0.32	0.45	As Certified
LOS ALAMITOS PACKING CO., Los Alamitos, California Skippy Beef Ration Dog and Cat Food (3675)	7.32	-----	2.13	-----	0.39	----	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
MARITIME MILLING CO., INC., Buffalo, N. Y. Hunt Club Vitamized Dog Food (3377)	25.19	25.00	4.81	3.50	3.71	4.00	As Certified
GEORGE C. MELODY, Greensburg, Pa. Dr. Melody's Dog Food (3772)	14.73	7.29	4.81	2.30	0.26	0.87	As Certified
S. E. MIGHTON CO., Cleveland, Ohio Mighton's #1 Dog Food (3768; 4241)	8.86	7.00	4.85	1.75	0.58	1.75	As Certified
MODERN FOOD PROCESS CO., Philadelphia, Pa. Thrivo Dog and Cat Food (3576)	11.81	7.50	4.66	6.00	1.48	3.00	As Certified
JOHN MORRELL CO., Ottumwa, Iowa Red Heart Dog Food Diet A (3586)	12.65	12.00	6.92	5.00	0.49	1.00	As Certified
Red Heart Dog Food Diet A (3983)	12.02	12.00	6.79	5.00	0.49	1.00	Found in addition fish meal.
Red Heart Dog Food Diet B (3587; 3984)	13.21	12.00	5.90	5.00	0.46	1.00	As Certified
Red Heart Dog Food Diet C (3588; 3985)	13.19	12.00	5.78	5.00	0.57	1.00	As Certified
NATIONAL BISCUIT CO., New York, N.Y. Milk Bone Crumbs (3381)	18.88	17.00	1.29	1.00	1.22	2.50	As Certified
OLD TRUSTY DOG FOOD CO., Needham Heights, Mass. Top Notch (4103)	21.06	18.82	0.80	1.41	0.69	0.54	As Certified
PEERLESS DOG FOOD CO., Battle Creek, Michigan New Peerless Dog Ration (3999)	26.06	-----	4.79	-----	2.41	-----	Ingredients identified: Greps nut feed, rice flake feed, corn flake feed, cooked bran, wheat flake feed, high protein special meat scrap, blood meal, salt 1%, soybean oil cake.
FOLK MILLER PRODUCTS CORPORATION, Richmond, Va. Sergant's Dog Food (3383)	26.88	21.44	2.24	2.74	0.78	1.50	As Certified
PROTO INCORPORATED, Philadelphia, Pa. Proto Dog Food (3975)	27.56	-----	6.57	-----	2.55	-----	As Certified
THE RATR PACKING CO., Waterloo, Iowa Dog-Gon Good Dog Food (4031)	12.59	-----	4.51	-----	0.34	-----	Ingredients identified: Meat by- products, meats, carrots, rice, barley, wheat, cereal.
RICH PRODUCTS CORPORATION, Chicago, Ill. Evr-Redy Dog Food (4248)	12.36	8.00	4.84	1.00	0.71	2.00	As Certified
RIVAL PACKING CO., Chicago, Ill. Rival Dog Food (3769)	11.17	10.00	5.50	3.00	0.38	0.50	As Certified
DR. W. J. ROSS CO., Los Angeles, Cal. Dr. Ross Vitamin Dog and Cat Food (3678; 3770)	13.18	-----	2.82	-----	0.50	-----	As Certified
SANDYS PET FOODS INC., Chicago, Ill. Sandy's Dog Food (4250)	11.12	10.60	4.08	4.50	0.34	1.00	As Certified
SCHLESSER BROTHERS, Portland, Oregon Men-Kind Dog Food (3574)	10.81	-----	5.60	-----	0.34	-----	As Certified
Men-Kind Dog and Cat Food (4236)	11.15	11.00	2.32	2.50	0.43	0.75	As Certified
SIMPSON PRODUCTS CO., Terre Haute, Ind. Doggie Dinner (3677)	9.07	8.30	2.07	2.90	0.33	0.26	As Certified
Doggie Dinner (3379)	7.96	8.30	3.06	2.90	0.34	0.26	Barley not detected.
Doggie Dinner (3981)	8.72	8.30	2.95	2.90	0.40	0.26	Oats not detected. Found in addition ground corn.
SPRATTS PATENT LIMITED, Newark, N.J. Spratt's Pibo (4233)	24.38	19.00	2.49	1.25	0.70	2.00	As Certified
Spratt's Ovals (4234)	22.00	19.00	2.07	1.25	0.87	2.00	As Certified
Spratt's Spix Meat Fibrine Dog Cakes (4232)	22.56	19.00	2.67	1.25	0.68	2.00	As Certified
SWIFT & COMPANY, Chicago, Ill. Pard Dog Food (3584; 4247)	11.15	10.60	3.42	2.50	0.41	0.50	As Certified
TIP TOP FOOD CO., Battle Creek, Mich. The Cooked and Balanced Dog Food (3824)	20.38	-----	4.00	-----	3.49	-----	As Certified
VAUGRON PACKING CO., Kansas City, Kans. Silver King Dog and Cat Food (3575; 3987)	7.34	7.80	2.65	1.24	0.36	0.21	As Certified
VICTORY PACKING CO., Oakland, Cal. Victory Dog and Cat Food (3517)	5.57	-----	1.49	-----	0.90	-----	As Certified
THE VITAMONT SALES CO., Butte, Montana Vitamont Blue Ribbon Dog Food (3385; 3590)	11.82	-----	2.50	-----	0.23	-----	Ingredients identified: Meat, cereal flour, wheat and barley.
WHOLESALE GROCERS SALES CO., Philadelphia, Pa. W.O.S. Highest Quality Dog Food (3585)	10.27	13.00	2.35	6.00	0.60	1.00	As Certified
Average	14.38	-----	3.96	-----	1.38	-----	
<u>MILK BY-PRODUCT FEEDS</u>							
<u>Semi-Solid Buttermilk</u>							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
CONSOLIDATED PRODUCTS CO., Danville, Ill. Semi-Solid Buttermilk (3854; 3855)	P. ct. 10.59	P. ct. 10.00	P. ct. 2.06	P. ct. 2.00	P. ct. *26.26	P. ct. *27.00	As Certified
MERCHANT CREAMERY CO., Cincinnati, Ohio Blue Ribbon Condensed Buttermilk (3853)	11.96	10.00	2.57	2.00	*29.06	-----	As Certified
NASHVILLE BUTTERMILK CO., Nashville, Tenn. Nashville Condensed Buttermilk (3962)	11.35	10.00	2.05	2.00	*28.52	*27.00	As Certified
RONCK & BEVIS, Philadelphia, Pa. Ro-Be Condensed Buttermilk (3901)	10.01	10.00	2.03	2.00	24.78	*27.00	As Certified
Average	10.90	-----	2.15	-----	*26.97	-----	
<u>Dried Buttermilk</u>							
C. W. BURKHALTER, INC., New York, N.Y. Burk Brand Dried Buttermilk (3931)	45.17	32.00	6.32	5.00	-----	-----	As Certified
COLLIS PRODUCTS CO., St. Paul, Minn. Collis Process Dried Buttermilk (3434)	31.44	30.00	5.59	5.00	-----	-----	As Certified
CONSOLIDATED PRODUCTS CO., Danville, Ill. Pure Dried Buttermilk (3485; 3852; 4036)	36.33	30.00	6.40	5.50	-----	-----	As Certified
Average	37.12	-----	6.22	-----	-----	-----	
<u>Semi-Solid Skimmilk</u>							
RONCK & BEVIS CO., Philadelphia, Pa. Ro-Be Sweet Cream Buttermilk and Soured Condensed Skimmilk (3900)	10.78	10.00	0.16	0.05	*26.83	*27.00	As Certified
YORK SANITARY MILK CO., York, Pa. Cultured Condensed Skimmilk (3902)	10.27	10.00	0.54	0.60	*27.96	-----	As Certified
Average	10.53	-----	0.35	-----	*27.39	-----	
<u>Dried Skimmilk</u>							
BOWMAN DAIRY CO., Chicago, Ill. Bowman's Dry Skimmilk (3695)	34.89	33.00	1.09	0.25	-----	-----	As Certified
CENTER MILK PRODUCTS CO., Middlebury Center, Pa. Vite Brand Dried Skimmilk (3851)	34.64	34.00	1.66	1.00	-----	-----	As Certified
DAIRYMEN'S LEAGUE COOPERATIVE ASSOC., Inc., Utica, N. Y. Dairylea Choice Feed Grade Dried Skim- milk (3802)	33.75	33.00	0.91	0.50	-----	-----	As Certified
S. T. EDWARDS & CO., INC., Chicago, Ill. Butterfly Dried Skimmed Milk (3360)	34.56	32.00	0.96	0.25	-----	-----	As Certified
GENERAL COMMODITY CORPORATION, Buffalo, N. Y. Old Sol Dried Skimmilk (3981)	34.26	32.00	1.33	0.50	-----	-----	As Certified
HERSHEY CREAMERY CO., Chambersburg, Pa. Hershey Superior Powdered Skimmilk (3481)	35.25	32.00	0.82	0.25	-----	-----	As Certified
MICHIGAN PRODUCERS DAIRY CO., Adrian, Michigan M.P.D. Skimmilk Powder (3836)	33.68	33.00	1.00	0.25	-----	-----	As Certified
SHEFFIELD FARMS CO., INC., New York, N. Y. Sheffield Skimmilk Powder (4134)	34.83	32.00	1.18	0.50	-----	-----	As Certified
THE URBANA MILLS CO., Urbana, Ohio Purity Dried Skimmilk (4034)	34.00	32.00	1.76	1.00	-----	-----	As Certified
Average	34.44	-----	1.19	-----	-----	-----	
<u>MISCELLANEOUS FEEDS</u>							
ALLIED MILLS INC., Chicago, Ill. Super Soy (3786)	40.38	37.00	5.66	5.00	5.32	6.50	As Certified
DISTRICH & GAMBRILL INC., Lewisburg, Pa. Distillers Greins and Molasses (3526)	15.31	-----	5.28	-----	12.06	-----	As Certified
B. F. SHEESLEY, Harrisburg, Pa. Sheesley's Champion Live Stock Feed (4070)	17.44	16.00	12.88	10.00	11.02	12.00	As Certified
<u>ANIMAL BY-PRODUCTS</u>							
<u>Meat and Bone Scrap</u>							
CONSOLIDATED BY-PRODUCTS CO., Philadelphia, Pa. Consolidated Beef and Bone Scrap (3898)	46.13	45.00	9.45	7.00	1.31	3.00	As Certified
Consolidated Beef Scrap (3872)	47.63	50.00	8.30	7.00	1.23	3.00	As Certified
JACOB DOLD PACKING CO., Buffalo, N.Y. Dold Quality Meat and Bone Scrap 45% (3569; 3933)	46.88	45.00	11.05	6.00	1.54	5.00	As Certified
Dold Quality Meat and Bone Scrap 50% (3557)	51.44	50.00	10.03	6.00	1.33	5.00	As Certified
*Found--Total Solids							
**Quaranteed--Total Solids							

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
OREENSBURG BY-PRODUCTS CO., Oreensburg, Pa. Quality 55% Meat Scraps (3466; 4010)	51.25	55.00	10.13	10.00	1.14	2.00	As Certified
PITTSBURGH MELTINO CO., Pittsburgh, Pa. Steel City Meat and Bone Scrap (3567)	50.05	50.00	12.53	5.00	1.19	3.00	As Certified
M. L. SHOEMAKER & CO., INC., Philadelphia, Pa. Shoemaker's Swift Sure Oround Meat and Bone Scrap for Poultry (3943)	50.56	50.00	11.62	6.00	1.95	3.00	As Certified
JOHN T. STANLEY CO., INC., New York, N. Y. Stanley's 45% Meat and Bone Scrap for Poultry (3922; 4138)	48.44	45.00	11.55	10.00	1.39	3.00	As Certified
S. STRUNZ & SON INC., Pittsburgh, Pa. Economy Meat and Bone Scrap (3997)	47.06	45.00	13.44	8.00	1.69	3.00	As Certified
Moreggs Meat and Bone Scrap (3748)	48.50	50.00	15.07	8.00	1.57	3.00	As Certified
WILSON & CO., INC., Chicago, Ill. Red "W" Brand Meat and Bone Scrap (3782)	54.50	50.00	12.35	6.00	1.39	3.00	As Certified
YOUNGSTOWN HIDE & TALLOW CO., Youngstown, Ohio Penn Ohio Meat Scraps (3926)	55.25	50.00	9.20	5.00	1.34	3.00	As Certified
Average	49.62	-----	11.16	-----	1.41	-----	
<u>Bone Meal</u>							
JACOB DOLD PACKING CO., Buffalo, N.Y. Dold Quality Steam Cooked Feeding Bone Meal (3932)	14.75	15.00	7.89	6.00	1.13	5.00	As Certified
INDEPENDENT MANUFACTURING CO., Philadelphia, Pa. Sterilized Steamed Feeding Bone Meal (3992)	15.38	5.00	6.23	-----	1.84	-----	As Certified
Average	15.07	-----	7.06	-----	1.48	-----	
<u>Blood Meal</u>							
INDEPENDENT MANUFACTURING CO., Philadelphia, Pa. Independent's Blood Meal (3993)	87.06	80.00	0.67	-----	0.99	-----	As Certified
<u>TANKAGE</u>							
JACOB DOLD PACKING CO., Buffalo, N.Y. Dold Quality Feeding Tankage with Bone (3923)	54.38	46.00	13.56	6.00	1.37	5.00	As Certified
<u>MARINE PRODUCTS</u>							
<u>Fish Meal</u>							
BRADLEY & BAKER, New York, N. Y. Fish Meal (3935)	60.69	55.00	7.27	6.00	0.60	3.00	As Certified

